

By Judy Dempsey

He said Mr Lukinov had planned to introduce a privatisation package, cut back subsidies and liberalise prices with the aim paving the way for the market economy. But over the past few weeks, demonstrations organised by the UDF, and other democratic strikers, were organised last Monday by Podkrepa, the independent trade union, argued that Mr Lukinov no longer had a mandate to govern the country.

Since June, Mr Lukinov has insisted that he wanted a government of national consensus to push through the reforms, without which Bulgaria would not receive much



The task now facing President Zhelyu Zhelev is to find a compromise candidate to form

However, the UDF may well be forced to introduce the same economic austerity measures as advocated by Mr Lukany.

Mr Anibal Cavaco Silva, the prime minister, said yesterday that conditions for bids would be made known in December and that competing bids would

operate alongside them. After months of controversy, including a row over the Roman Catholic church's interest in a "preferential" TV slot, parliament approved legislation for

Mr Cavaco Silva also announced that the existing viewers' licence fee will be abolished in January.

Foreign aid is needed to put new life into a moribund system, writes **Judy Dempsey**

Mr Ceausescu's obsession

Mr Marinescu says such neglect was a result of a combination of factors: inexperience,



comment on how medical supplies sometimes find their way into the black market as a result of the continuing shortages: that staff in villages

children's institutions is inadequate. "The improvement of food would require monthly food imports worth \$3m—we do

This is the last article in a three-part series on the state of eastern Europe's health systems. Previous articles appeared on the foreign pages on November 16 and 27.

By Clive Cookson

is still in the hands of national companies with no capacity

for petrochemicals as it is for airlines, aerospace, the automotive industry and almost any other commercial operation."

Mr Alan Plaistowe, president of the Chem Systems Group, described a detailed

added: "Wars are not in the textbooks of economists." None of the speakers made predictions about the Gulf.

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Spain forced to shelve property re-rating survey

By Peter Bruce in Madrid

SPAIN'S socialist government yesterday postponed for a year a controversial nationwide increase in rateable property values, following an extraordinary week of public and political protest.

The climbdown, by far the most spectacular the government has made in its nine years in power, will cast a cloud over the political career of the country's finance minister, Mr Carlos Solchaga. Yesterday, Mr Solchaga accepted ultimate responsibility for the plan to revise land values, and said that during the year's postponement the government would try to iron out the inequalities thrown into focus by the scheme.

The decision to halt the scheme is an important reversal for the minister and the government as a whole. The authorities have been engaged for four years in a painstaking \$1bn (£500m) effort to photograph from the air every inch of the country, and then to draw up a cadastral survey listing, for fiscal purposes, the size and position of every property in Spain.

Such a survey, designed to gauge the fiscal value of land, has never been completed before in Spain; Mr Solchaga insisted yesterday that the survey was essential in order to

bring proper fiscal transparency to the country. The authorities believe average urban rates are currently set about a fifth of market values.

But Mr Solchaga said: "We have underestimated public reaction." Mayors of large Spanish cities have been encouraging property owners to take legal action against the imposition of new land values and tens of thousands of court actions have been opened around the country.

The new land values were designed to raise the taxable value of some 20m urban properties in Spain from around Ptas15,000bn (£250bn) to Ptas40,000bn in the first phase. A second phase would take rateable values to within 70 per cent of market values, which the authorities estimate to be worth some Ptas120,000bn. Property owners and conservative political opposition parties have assumed the new values are in themselves a tax, and government attempts to explain otherwise have failed.

The government was forced to react quickly when it became clear on Monday and Tuesday this week that the socialist party was beginning to panic. Municipal elections in Spain are just six months away and the socialists are not polling well in large cities.

Industrialised states pledge over \$1bn for environment

By William Dawkins in Paris

THE 35 largest industrialised and developing countries yesterday agreed to form a fund of \$1bn (£500m) to \$1.5bn to combat environmental problems.

A meeting at the European headquarters of the World Bank gave the go-ahead for the fund to help developing countries tackle cross-frontier pollution and finance measures to protect the ozone layer.

The bank has recently been increasing the amount of normal lending for environmental schemes and is keen to widen the sources of funds available for such projects. The fund,

proposed by France at the 1989 meeting of the World Bank and the IMF, is expected to be operational in six months.

Donor countries would make direct contributions, though they could also co-finance individual projects. France is planning to make available FF900m (£92m) over three years, on condition that others follow its example. The US has also said that it will contribute.

This comes on top of a \$100m special fund established under the Montreal international convention on protection of the ozone layer.

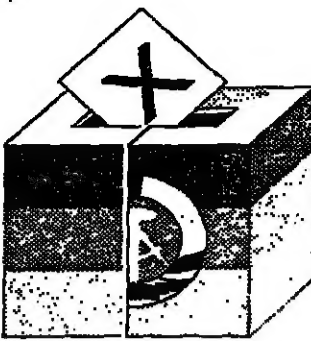
Greens in the west prepare to save themselves

By David Goodhart in Bonn

GERMANY'S charmingly chaotic and faction-ridden Green Party is stubbornly refusing to die. Despite the evaporation of last year's fleeting hopes of a Red-Green coalition in Bonn, the stealing of its policies by the bigger parties, and poor relations with the east German Greens, it looks set to defy, once again, the political obituaries.

Next Sunday's election should see the Greens comfortably over the 5 per cent hurdle and into the all-German parliament, although they are expected to slip back a little on their surprisingly good 8.3 per cent in 1987.

Ecology has been temporarily submerged by German unification on the national stage but that has made little impression on the Greens' loyal voters, and may even have pulled in a few new ones



German elections

fed up with wall-to-wall unity. However, some anxiety about clearing the 5 per cent hurdle is always a useful vote-winner for the party. The Greens benefit from the support of many voters who do

not strongly identify with the party between elections but believe it is desirable to keep them in parliament as an influence on the bigger parties.

"Everyone talks about Germany," we talk about the weather," is a nicely offset campaign slogan, but the Greens are running a rather lacklustre campaign. In the last couple of weeks they have at least calmed fears that they might be becoming too boring, by destroying the Red-Green coalition in West Berlin and getting several visits from the Bonn police in connection with attempts to persuade US soldiers to desert, rather than fight in the Gulf.

But global warming is not much of a theme in east Germany, where, despite appalling pollution, people have more basic concerns. This point is grasped by the

east German Greens. They are for unity and for the social market economy and are thus considered rather backward by their west German cousins.

Thanks, however, to an alliance with the citizens' rights group Bündnis 90 - the group which led the early stages of the east German revolution and still claims some of the most impressive east German politicians - the Greens in east Germany may poll about 10 per cent.

The west German Greens wanted to see the continuation of two German states and so have had little to say about the unification process, except that it is all happening too quickly and has destroyed the chance for a radical "third way" between capitalism and socialism. They will merge with the east German Greens after the election but "cultural differ-

ences" are likely to remain for a long time to come.

The west German Greens who will be elected to the Bundestag will be some way to the left of the current Green MP's who belong overwhelmingly to the pragmatic "realo" wing of the party.

With the radicals in charge, a merger with the PDS, the former East German communists, is likely. That will probably drive out the remaining "realos" especially if the "realo" Greens in the state of Hesse fail to form a Red-Green alliance with the Social Democrats in the state election in January. The "realos" would find a comfortable home in the new eco-conscious SPD. It is the new model SPD combined with the Greens' failure to win younger voters that will eventually prove those political obituaries right.

Brussels launches move to abolish double tax

By Lucy Kellaway in Brussels

PROPOSALS to abolish all double taxation between member states and stop the present system whereby companies can be penalised for doing business in more than one EC country were yesterday launched by the European Commission.

Brussels is suggesting that companies with subsidiaries in another member state could offset any losses made by the subsidiary against the profits made by the parent company.

The Commission fears that the present tax treatment - which often results in companies being taxed twice - may discourage companies from investing across frontiers, when the tax treatment is more attractive for investment made within one country.

A second corporate tax directive would mean that interest payments or fees from one part of the company to another in a different EC country could be made without attracting any withholding tax. The proposals are a sequel to three directives aimed at rationalising corporate taxation agreed last summer, after 15 years of squabbling between ministers.

Ms Christine Schriver, the EC tax commissioner, yesterday expressed hope that the two latest directives could be

agreed much more quickly. However, the new proposals, like the earlier ones, will need unanimous support from the Twelve, so her forecast could prove to be optimistic.

The directives have been given a warm welcome by European businesses which has put them at the top of their list of priorities for EC legislation.

At the moment companies that do business in more than one country are likely to have to pay tax in each country in which they operate.

Although double taxation treaties exist between some member states, getting the tax back can often be cumbersome and time consuming. Moreover, a difference is frequently made between the treatment of branches, which are legally a part of the parent company's tax return, and subsidiaries, which are separate entities.

The Commission is proposing that such differences should be smoothed out, so that 75 per cent owned subsidiaries should get a similar tax treatment to branches. It wants to encourage cross-border investment: an start up ventures normally make losses, an inability to write off these losses may act as a disincentive to direct investment.

Norway central bank dubious of fiscal policy

By Nicholas Denton in Budapest

NORWAY'S central bank yesterday revised downwards its forecast for 1991 and warned of possible pitfalls of the expansionary fiscal policy being pursued by the minority Labour government, which returned to power earlier this month. Karen Fossil reports from Oslo.

In its quarterly report, the central bank forecast that Norway's gross domestic product would next year expand by 3.25 per cent, well above its main trading partners, but below June's forecast of 4 per cent.

According to the report, the expansionary fiscal policies of the Labour government, led by Mrs Gro Harlem Brundtland, would fuel moderate growth of 1.75 per cent in Norway's mainland economy, which excludes shipping and petroleum.

Norway's mainland economy this year is forecast to see investment fall by 7.25 per cent but rising by 3 per cent in 1991, thanks to investment in the petroleum sector.

Labour is seeking to rally support for a new budget proposal which includes a Nkr3.6bn (\$620m) increase in its deficit to Nkr50.8bn over that proposed in October by the former centre-right coalition government.

Hungary's minister of finance decides to quit

By Nicholas Denton in Budapest

MR Ferenc Rabar, Hungary's finance minister, has said he intends to resign, exposing the conservative government's disarray in the face of deepening economic crisis, less than a week before next year's crucial budget is scheduled to go before parliament.

The finance minister has long been at odds with Mr Gyorgy Matolcsy, the economic adviser to the prime minister and the cabinet, and was expected to leave the cabinet in an impending purge of economic ministers.

"Whether Matolcsy stays or not, I am going," Mr Rabar said in an interview in yesterday's Vilaggezasag, the economics daily. He accused the prime minister's adviser of second-guessing him by preparing alternative versions of the government's programme.

Mr Matolcsy responded that his attacks had been not against the finance minister personally, but rather against the restrictive economic policy that he represented.

The public clash between the two officials is just the latest in a series of arguments which have hobbled the government since it came to office last May.

Mr Rabar and Mr Matolcsy, who are both regarded as radi-

icals, have often joined forces against their more cautious and interventionist cabinet colleagues.

But Mr Matolcsy's belief in supply-side economics jars with Mr Rabar's fiscal orthodoxy, and their separate and uncoordinated proposals for what amounts to shock therapy for Hungary's economy have been diluted.

The present turmoil comes at a critical time.

The cabinet held an emergency session yesterday to try to close the gap between the record F90bn-100bn (€1.5bn-1.6bn) budget deficit it plans for 1991 and the F150bn thought acceptable to the International Monetary Fund delegation which arrived in Budapest last weekend.

IMF approval is essential if Hungary is to avoid insolvency and finance the current account deficit. It is expected to reach \$1.5bn for 1991 when it will have to pay Gulf-inflated world-market prices for previously subsidised Soviet oil supplies. The cabinet's failure to agree on a position acceptable to the IMF has also delayed the budget that independent experts are convinced cannot pass parliament in time for the new year.

IBM joins European research project

By Michael Skapinker

IBM of the US has become the first non-European company to be admitted to JESSI, Europe's largest semiconductor research project.

JESSI has, however, postponed a decision on a far more difficult subject: what to do about ICL, the British computer manufacturer which has been bought by Fujitsu of Japan.

JESSI - the \$5bn (£2.5bn) Joint European Submicron Silicon initiative - is expected to announce today that IBM will be allowed to participate in two of its projects. One is a semiconductor equipment project and the other is a process on lithography, the writing of circuits onto chips.

The JESSI board, meeting in Munich last Tuesday, postponed a final decision on ICL's continued participation. STC, the UK telecommunications manufacturer, announced last July that it was selling ICL to Fujitsu. As ICL does not officially pass into Fujitsu's hands until tomorrow, the JESSI board is thought to have decided it could not yet make a formal ruling.

European chip executives are split on the issue. Some believe that a Japanese-owned company should not be allowed to remain in JESSI. They argue that the programme was set up last year specifically to enable the European industry to fight back against Japan's domination of the world semiconductor industry.

Others say that if ICL is a European company today, it does not cease to be one tomorrow, when it is formally taken over by Fujitsu. All that has changed is its ownership, they say, not the location of its research and manufacturing.

Although ICL's participation in JESSI is minor, it does take part in other European research programmes. Fujitsu officials have said they would regard the exclusion of ICL from European research programmes as a blow. Mr Masaka Ogi, president of Fujitsu Laboratories, said that ICL's European status was one of the main reasons for acquiring it.



Are you surprised at how little high level nuclear waste has been produced?

A lot of people are.

There seems to be a general feeling that acres and acres of it are lying around, barely secured, with a radioactive life of thousands of years. Or that tons of it are being dumped at sea every year.

Nothing could be further from the truth.

At British Nuclear Fuels we are spending over £2 billion on a programme which allows us to continue dealing, safely and carefully with nuclear waste.

A major misconception is that all nuclear waste is the same.

Not true. In fact, it falls into three distinct types which emit varying intensities of radiation.

Consequently, they are dealt with in completely different ways.

The most radioactive is **High Level Waste**, which results from reprocessing spent nuclear fuel. We can recycle at least 97% of spent fuel into new fuel. It is the remaining 3% waste that must be carefully dealt with.

At present, high level waste is stored as a liquid

inside double-walled, cooled stainless steel tanks enclosed in thick concrete walls.

However, we have brought into operation a process called 'vitrification' in which liquid waste is converted into glass and sealed inside stainless steel containers to be kept safe for the indefinite future. This method reduces the waste to 1/5 of its original volume. Or, to look at it another way, all the high level waste produced at Sellafield in the last 30 years could be contained in just 4 double-decker buses.

A far less radioactive type of nuclear waste, known as **Intermediate Level Waste**, occurs when the nuclear fuel rods are stripped in the first mechanical stage of reprocessing.

The scrap metal, sludge and residues that are involved in this operation are sealed in cement inside steel drums, and stored in our special encapsulation plant until a suitable long-term home has been found.

At the moment, sites at Sellafield in West Cumbria and at Dounreay in Scotland are under scrutiny from geologists to see whether either of them is suitable for a deep underground repository.

The least radioactive waste of all however is

Low Level Waste, such as paper towels, gloves, protective clothing and laboratory equipment which not only come from the nuclear industry but from hospitals, research laboratories and other industries where radioactive materials are handled.

Despite the fact that radiation from low level waste is negligible, we take no chances.

At Drigg in Cumbria, we have built and use a concrete vault the size of a dozen football pitches, and we are developing a method of compacting this type of waste which means Drigg won't be full until well into the 21st Century.

If you'd like to know more about the way we manage nuclear waste, write to Information Services, Risley, Warrington WA3 6AS for our nuclear waste brochure, or our video.

Better still why not come and visit us at the Sellafield Visitors Centre in West Cumbria.

You could take a bus ride around the site.

BRITISH NUCLEAR FUELS
Managing waste at Sellafield.

THE URUGUAY ROUND: MAKE OR BREAK

● Next week's Gatt trade talks in Brussels, the culmination of four years' negotiation, are in disarray. FT writers look at the obstacles facing ministers

Uphill all the way to the summit

FOUR YEARS ago in Punta del Este, Uruguay, trade ministers sent their negotiators off on the most ambitious overhaul of the world trading system ever attempted.

For two and a half decades after the Second World War, under the aegis of the General Agreement on Tariffs and Trade (GATT), trade in goods had expanded considerably faster than production, supplying an important stimulus to the growth in the world economy. In the 1970s the pace slackened. Governments evaded GATT rules by subsidising industries threatened by competition and by striking voluntary export restraint deals. In Uruguay, ministers decided to revamp GATT, to extend its rules to textiles and clothing and to apply GATT principles to trade in agricultural products, services and intellectual property rights.

Now, at the end of their four-year slog, negotiators will return to trade ministers in Brussels next week in chagrin. They have done no deal on agriculture and been thwarted over services; even in GATT's classic tariff-cutting area they are offering far less than the 33 per cent overall target which ministers had set.

Several draft agreements

will be put to ministers: some for fairly easy choices but not one of the 13 negotiating groups will table the text of an accord that it knows for sure will pass on a ministerial nod.

In part, this is due to the linkages governments have made between the different issues. The US makes everything conditional on a farm deal. Australia will not budge on industrial subsidies before it is sure it will secure better openings for the farm produce which makes up 40 per cent of its export earnings. Developing countries will not swallow an accord on intellectual property rights before they see pacts on textiles and clothing and on improved access for their exports to industrialised countries.

Disarray is such that there is no certainty that even a minimal, face-saving package of results will transpire from the Brussels meeting. US officials insist that without a satisfactory deal on farm reform the entire Uruguay Round will be in jeopardy. EC officials say they cannot see how other agreements can be finalised, if no solutions emerge on agriculture and services.

This unhappy situation is not the fault of the negotiators. The blame lies primarily with European Community and US

governments whose leaders declared in July at the Houston summit of the Group of Seven industrial powers that the trade negotiations had "the highest priority on the international economic agenda" and that each would make reductions in support and protection of agriculture "covering internal regimes, market access and export subsidies".

The leaders have so far not delivered. EC farm and trade ministers bickered for five

The blame lies primarily with the EC and US. So far the leaders have failed to deliver

weeks before they gave birth to a farm proposal that was quickly dismissed by the US, by 13 farm-exporting nations in the Cairns Group, led by Australia, and by most developing countries as not even offering a basis for negotiation.

Germany and France had combined to whittle back the minimal offer proposed by Mr Ray MacSharry, EC farm commissioner. German Chancellor Helmut Kohl would not risk losing the farmers' votes in the

election on December 2. With his farmers rioting and preventing him from travelling on his own highways, President François Mitterrand of France held firm against reducing export subsidies or abandoning preferential access to EC markets.

There will be no agreement on agriculture, if the EC does not improve its offer next week. Optimists, or cynics, believe the improvement will come after the German election on Sunday.

In services the winner is the US, which with an active financial services lobby had worked most energetically for liberalisation and for bringing trade in services under GATT rules. Now, under pressure from its shipping, aviation and basic telecommunications industries which oppose change, the US has backed off; it wants these service sectors to be excluded from having to apply GATT's non-discrimination rule.

There is tremendous irony in the situation. In the first three years of the Round the main obstacles to a successful outcome were expected to come from the developing countries which had even objected to having service and intellectual property rights on the agenda. Now, when developing countries want a deal on ser-

vices and have contributed to a draft agreement on intellectual property, the results depend on the ability of US and EC governments to marshal the political nerve to face down domestic protectionist lobbies.

Much is at stake next week in Brussels for private entrepreneurs.

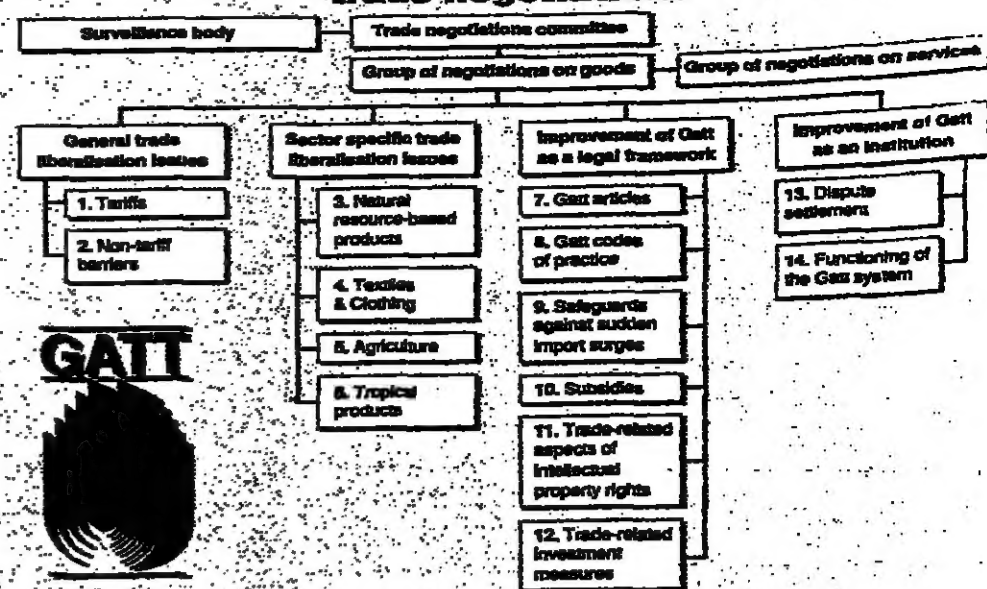
Under the umbrella of the Round a dozen big trading powers, including the EC, the US and Japan, have been negotiating further liberalisation of GATT's code on government procurement. Here the EC, riding on the back of its internal dismantling of barriers for its single market, has taken the lead. It is seeking to open to full international competition telecommunications, construction and public procurement markets below central government level with a potential annual value of \$1,750bn (\$282.8bn).

Recently, as the malaise crept into the Round through the agriculture and services windows, the talks on public procurement have faltered as well.

President George Bush, President Mitterrand and Chancellor Kohl will have a lot to answer for, if they let the Round expire with a whimper next week.

William Dullforce

The Uruguay round of multilateral trade negotiations



Services

American zeal has evaporated

NEGOTIATIONS on liberalising trade in services are still deadlocked as a result of the US determination to preserve unilateral rights to force open foreign markets in sectors such as banking, telecommunications and insurance.

The removal of barriers to trade in services, worth some \$700bn (\$257bn) a year, have long been seen as the centrepiece of Uruguay Round efforts to modernise the trading system.

But the original crusading zeal of the US has evaporated in the wake of objections from powerful lobby groups, particularly in transportation and telecommunications. They fear that an agreement would yield almost nothing in terms of fresh market opportunities while leaving US industries exposed to foreign competition.

The hope is to reach an agreement in Brussels on basic rules for service sector liberalisation. This would be accompanied by a number of annexes dealing with the implications for specific sectors, and pave the way for further negotiation next year so that an agreement could take effect from 1992.

However the US has thrown a last gasp in the works by insisting that signatories to the agreement should not enjoy automatic rights to non-discriminatory treatment, otherwise known as Most Favoured Nation status. This would be granted only if they open up their own service markets.

This proposal has been roundly rejected by other countries in the negotiation which argue that it would give the US carte blanche to choose who should receive the benefits.

Tim Dickson

Textiles

Decisions remain on blueprint

THE Brussels meeting must take far-reaching and difficult decisions on the \$180bn (\$21.8bn) annual trade in textiles, if this part of the agenda is to be completed successfully. Mr Rodney Duthie, the Australian diplomat who chairs the textile negotiating group, has produced a blueprint for unwinding the Multifibre Arrangement (MFA) which governs trade in textiles and clothing and bringing this trade under normal GATT rules.

However, almost all the details, including the length of the transitional arrangements, remain undecided.

It provides for clothing and textile trade to be brought into GATT in three separate chunks beginning in 1992. Items that remained under the MFA at the end of each stage would be subject to different quotas.

Wide differences remain about the amount of trade which should be liberalised at each stage and over the rate of growth of the remaining quotas. Ministers will also have to decide how long the transition should last. At one extreme the European Community has been pressing for a period of 15 years, while at the other extreme developing countries are seeking a period of 6 1/2 years.

Assuming agreement is reached, it will not be necessary to renegotiate the current MFA which expires in July 1991. The present arrangements would simply be rolled over until the start of 1992.

Though the US has effectively abandoned its controversial proposal to replace the MFA with a system of global quotas, the Bush administration still faces strong opposition to liberalisation and has been reluctant to agree to significant cuts in its high tariffs.

The European textile and clothing industry says it has also been disappointed by the lack of willingness of developing countries to open their own markets. It remains concerned about the disciplines which will be applied to the textile trade during the transition.

On tariffs, offers of reductions to be decided in Brussels, supposedly a centrepiece of the Uruguay Round, fall well short of the targeted 33 per cent, trade officials say.

One reason for this is the impasse over talks on farm reform which has made some countries unwilling to make concessions in the industrial area.

The US has also been anxious to retain high tariffs on certain products such as textiles and steel, preferring to concentrate on offering reciprocal elimination on all tariffs for selected items.

Peter Montagnon

Rules revision

Reinforcing Gatt's powers

ONE OF the primary goals of the Uruguay Round has been to reinforce GATT. A cluster of negotiating groups have worked at improving its rules, adding to its capacity to mediate in disputes and enhancing its international role.

The results make up a mixed bag although some potentially important accords could be finalised in Brussels, provided ministers settle such central outstanding issues as agriculture and services.

An attempt to revise the anti-dumping code has run into the sand. Negotiators failed to strike a trade-off between, on the one hand, the demands from Japan and other Asian exporters for stricter rules to determine dumping and restrict anti-dumping measures and, on the other hand, US and EC insistence that importing countries be allowed more scope to act against companies circumventing anti-dumping duties.

A draft agreement exists on the related matter of clearer rules of origin for products and services.

With the right will, ministers could dispose of outstanding points such as whether the rules should apply to trade conducted under preferential agreements.

Developing countries have refused to discuss modifications to their right to discard GATT rules when they run into difficulties with their balance of payments, until they see what counter-balancing advantages they can expect to win from the Round.

An agreement tightening the rules under which governments can introduce safeguard measures to protect industries against surges of imports hinges on whether the EC will continue to insist that safeguards can be applied selectively against offenders. Other countries think GATT's non-discrimination rule should be observed.

Understanding on safeguards would help significantly to get rid of "grey area" measures such as the voluntary export restraint arrangements to which governments have been increasingly resorting in violation of GATT principles.

So would revision of GATT rules on subsidies and countervailing duties but in this instance a hardening in US determination to do away with industrial subsidies has balked agreement.

Basically, the US wants no subsidies included in the "green" or permitted category. Some political decisions and a settlement in agriculture are needed, if the draft accord is to be completed in Brussels.

Ministers should decide fairly easily on significant improvements to GATT's dispute settlement mechanism. They have to choose among a few options in a draft agreement that simplifies procedures for establishing dispute panels and adopting their reports and establishes an appeals body.

Enhancement of GATT's powers to survey national trade policies has been agreed. Reinforcing GATT as an institution hangs on results in other areas, such as services and intellectual property rights, while the controversy over ending GATT with a management board, composed of a limited number of ministers, remains unresolved.

William Dullforce

Spotlight on Brussels

Delegates on alert for the muck-spreaders

AS unofficial capital of the EC Brussels is well used to staging big events - but next week's GATT summit will test the Belgian capital's organisational powers to the limit.

The scale of the operation is huge, with the 105 participating countries in the Uruguay Round planning to send between 1,500 and 2,000 official delegates, more than 1,000 accredited journalists and an unspecified number of interested "hangers on" (businessmen and lobbyists more politely known as the "private sector tail").

All or most of these will on Monday descend on the vast Heysel exhibition centre, which this week was still the centre for the 1992 World Fair. It will be a suitably symbolic backdrop for the explosive reactions which can be guaranteed in the event of suc-

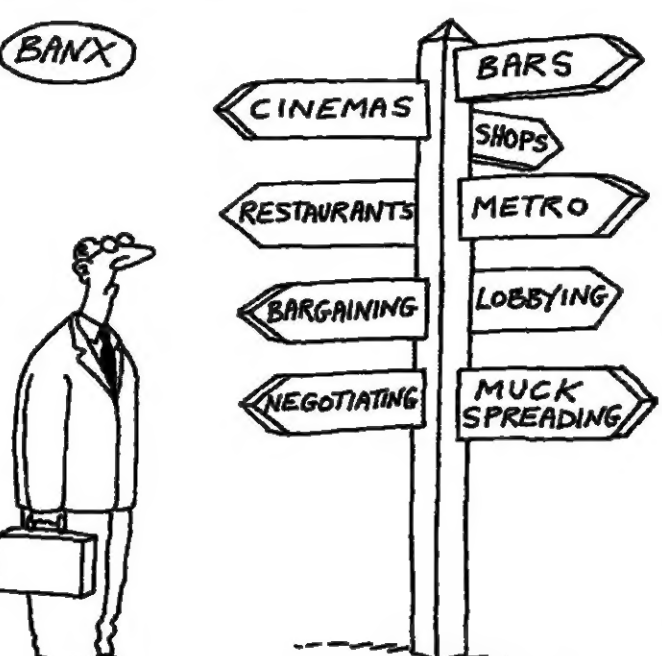
cess or failure of the talks. Severe traffic disruption is inevitable, especially if the threatened demonstration by 50,000 farmers complete with muck-spreaders materialises - and delegates may be advised to forgo their well-appointed limos for the city's clean and generally efficient metro system (there is a stop near the conference centre).

Once inside the five and a half pavilion complex, the joint Belgian and European Community hosts hope everything will be provided for. Shops, restaurants and bars will kill time for those not involved in the nitty-gritty of negotiations, though film buffs may be tempted to visit the city's biggest cinema complex nearby.

Delegates will have a large chamber for their plenary sessions but there are smaller rooms (including the famous "green" rooms) where the hard bargaining will be done in more restricted groups. An artificial river, running through the conference centre, is likely to add sparkle to the occasion, and the opportunity for participants to tell their

adversaries literally to take a running jump. Hotel accommodation is reported to be full up - many rooms have been booked since last year - so anyone contemplating a last-minute business trip to Brussels should probably think again.

Suggestions that next Friday's deadline for the end of the talks will be missed and that the whole entourage will stay in Brussels until a break-



through can be found, should be discounted. Like all exhibition centres the Heysel is needed for other purposes and the GATT structures must be dismantled in time for the Belgian motor show in early January. "We could just about stay on until next Saturday (December 6) - but that's definitely the outside," a GATT official confided.

Tim Dickson

Agriculture

US may have set the bar too high on farm reform

A COMPROMISE on agriculture is the most essential and the hardest task facing trade and farm ministers in Brussels. Compromise can be achieved only if European and US leaders find the courage to authorities concessions that will provoke loud, perhaps unruly, political opposition from their farmers.

Mr Julius Katz, deputy US trade representative, complained last month that in four years "we have not yet had one serious day of negotiations on agriculture". Ministers now have one week in which to pull off an agreement.

A common objective has been declared - to effect "substantial, progressive reductions" in agricultural supports, totalling more than \$200bn (\$102bn) a year worldwide, which are blatantly distorting trade in farm products and penalising farm-exporting countries such as the members of the Cairns Group that cannot afford to subsidise their farmers.

But after four years the European Community and the US, the two biggest

farm trading blocs and the two biggest subsidisers, have not been able to agree even on the basic principles to be followed in making the reductions.

The US is asking that cuts of 90 per cent in export subsidies and of 90 per cent in internal farm supports and border protection be effected over 10 years starting in 1991-92. Washington is backed by 13 members of the Cairns Group: Argentina, Australia, Brazil, Chile, Colombia, Fiji, Hungary, Indonesia, Malaysia, New Zealand, the Philippines, Thailand and Uruguay.

The EC has offered to reduce internal supports for the main commodities by 30 per cent from 1986 to 1996. The offer contains no precise commitment on export subsidies. Reductions in import barriers are not quantified, would maintain EC members' preferential access to the EC market and would be complemented by a "rebalancing" concept allowing Brussels to impose new tariff quotas on imports of oilseeds and corn gluten feeds to the detriment of Brazil-

ian and US exporters. Ministers cannot reach the needed compromise merely by juggling with the numbers. They must first bridge the wide gap between the basic political premises guiding the EC and US.

Originally, the US administration promised its farmers and commodity traders the elimination of all trade-distorting supports worldwide, to provide a "level playing ground" - a political commitment which the Europeans have claimed to be unrealistic. Washington has modified its objective but still insists that the EC undertake specific commitments to radical cuts in such of the three areas: internal supports, border protection and export subsidies.

Brussels has responded defensively to the US and Cairns Group's root-and-branch approach, which it sees as aimed at wrecking the Common Agricultural Policy, the economic and social core of the Community. Accordingly, the EC's reform proposal circumscribes the US/Cairns approach and retains basic ele-

ments of the CAP, including the final pricing system, which protect EC farmers from competition.

The impasse over agriculture reflects the fundamental difference in policies underlying the declared common objective of "substantial progressive reductions". Compromise is only possible if policies are amended.

The Americans will have to accept that they have set the bar too high for this initial effort at reforming farm trade. But there is no doubt that the strongest pressure is on the EC.

Somewhat, the Europeans have to come up with an offer that will convince their opponents that they are ready to embark on a revamping of the CAP based on liberal rather than protectionist policies. It is difficult to see how they can do this without offering something more specific on export subsidies and market access and without abandoning their rebalancing concept.

William Dullforce

Price of failure: trade wars in a world of lost opportunities

THE WORLD'S trading nations knew that they were taking a gamble when they launched the Uruguay Round in 1986.

Public support for multilateral rules on trade was eroding, particularly in the US where Japan-bashing had become all the rage. The answer of the General Agreement on Tariffs and Trade was to launch a Round more ambitious than ever before. If it worked, support for the multilateral system that had served the world economy well for nearly 40 years could be rekindled. GATT could be swept to a new pinnacle of world economic influence.

Now, however, GATT is in danger of falling victim to its own ambitions as the sweeping agenda set four years ago proves impossible to complete. Failure at its Brussels meeting next week to resolve the bitter transatlantic row over farm subsidies would almost certainly condemn the whole effort to collapse.

The air has become thick

with warnings of calamity. Some, such as Mr John Crosbie, Canada's trade minister, have even warned of a return to the depression days of the 1930s. Few economists would predict disaster on that scale if the Round does fail, but most accept that economic output in the 1990s would be significantly lower than otherwise. International tensions would

rise, spilling out of the purely commercial arena into the broader diplomatic realm. It is unlikely that failure in Brussels would lead governments to repudiate the agreements to which they have already subscribed in GATT. The institution with its complex code of rules for the trading system would survive. The primary loss would be the bene-

fits from further liberalisation - notably in agriculture, textiles and services - which would have accrued if the Round had been a success.

The extent of this opportunity loss is almost impossible to calculate, though Mrs Carla Hills, US trade representative, has suggested that just an agreement to cut tariffs and non-tariff barriers by the targeted 33 per cent would produce an extra \$4,000bn (\$2,040bn) in world economic output over the next 10 years.

More worrying still is the risk that failure would further deprive GATT of authority and stature. Governments would feel tempted to enter bilateral agreements outside GATT, reducing its ability to resist the pressure towards fragmentation that provided the original motivation for the Round.

The most often-cited result would be the development of regional trading blocs embodying preferential arrangements between exclusive groups of

countries. This would hamper global trade flows and could freeze developing countries out of mainstream trade.

Already the US has begun to consider complementing its free trade arrangement with Canada with a similar deal for Mexico. Closer links between the European Community and the six countries of the European Free Trade Association could form the basis of a European regional bloc, though it is harder to conceive of a similar arrangement emerging in the Pacific.

The system could also fragment in other ways. A failed round would almost certainly prompt the US to step up its unilateral approach to trade policy, using the right to sanctions embodied in its trade legislation. Trade wars would proliferate, particularly in agriculture.

Prospects

The EC would continue to have a pretty free hand in the use of anti-dumping as an instrument of domestic regional and industrial policy. The ability of the Bush administration to restrain hostility to Japan in Congress would be seriously impaired. Trade in some individual products could become managed on a global basis.

One such product is semi-conductors: the US and Japan already have an agreement designed to raise prices on exports to the US and open up the Japanese market to US producers. This agreement, aspects of which were found to be GATT-illegal, expires next year. After a Uruguay Round failure, there would be less incentive to allow it to lapse.

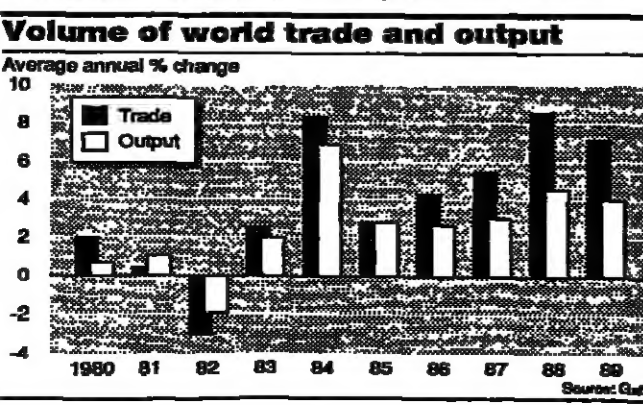
Failure could also mean that the focus of international policy discussion switches away from GATT. Waiting in the wings is the Paris-based Organisation for Economic Co-operation and Development. The OECD has begun to seek closer

contacts with the more advanced developing countries such as South Korea, and there is support in the US for it to play a more prominent role in the new areas of commercial policy.

One example is trade-related investment, which is linked to both domestic industrial and competition policy. Efforts to give enhanced legal status to the OECD's "national treatment instrument" which obliges members to treat foreign direct investors on an equal footing with their own companies failed in the summer. However, there has already been talk of reviving the attempt.

Most of these pressures will remain even if the Round is successful, but a GATT strength-Round would have the where-withal to combat them. Failure, by contrast, would make the institution a lame duck.

Peter Montagnon



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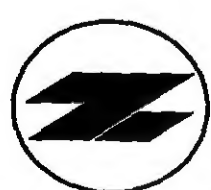
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INTERNATIONAL NEWS

● THE MIDDLE EAST

Baghdad spurns UN pressure to withdraw

By Our Foreign Staff

IRAQ insisted yesterday it would ignore any ultimatum to withdraw its forces from Kuwait and warned that the US was risking a "comprehensive and destructive war" unless it opened a dialogue with Baghdad.

The Iraqi government's defiant statement came on the eve of today's meeting of the UN Security Council, which is expected to approve a resolution authorising the use of force against Iraq unless it quits Kuwait.

Mr Roland Dumas, the French foreign minister, yesterday warned that the UN resolution would be Iraq's last chance to avoid war. He said it would be the "last appeal and indeed an ultimatum."

However, Iraq's government newspaper al-Thawra said any decision reached by the Council "is of no concern to us. It will not force us to step back or relinquish our national historical rights."

Mr Taha Yassin Ramadan, Iraq's premier, meanwhile attacked President George Bush, saying he was "leading the world to a compre-

hensive, destructive war and... should move towards dialogue to avert the tragedies of war and achieve a comprehensive peace."

However, 11 members of the 15-nation Security Council yesterday looked certain to back a US-sponsored ultimatum resolution which would allow "all necessary means" to be used to secure Iraqi withdrawal from the enclave.

Qian Qichen, the Chinese foreign minister, yesterday abstained in the vote. The other four permanent members of the Council have said they will vote for the resolution.

No agreed deadline for withdrawal had been announced by the Council last night, but US, Soviet and French diplomats in New York indicated that it was likely to be January 15.

Baghdad, meanwhile, allowed a further batch of western hostages to return home yesterday and promised the Soviet Union that some 3,000 remaining Soviet citizens could leave on the expiry of their contracts in Iraq.

The promise, made by an



Qian Qichen, China's foreign minister, yesterday at Peking airport on his way to New York.

Iraqi foreign ministry spokesman, followed a toughening of the Soviet stance towards Iraq after acrimonious talks between Mr Mikhail Gorbachev, the Soviet leader, and Mr Tariq Aziz, the Iraqi foreign

minister, earlier this week. Iraq yesterday freed 70 Italian hostages and was reported to have agreed to the release of the 30 remaining Belgians in the country, following a humanitarian request from

Algeria. Mr Tony Benn, the British Labour MP, also emerged from talks with Mr Saddam Hussein, the Iraqi president, saying he hoped more British hostages would soon be freed.

Iran re-emerges as growing market for UK exports

By Victor Mallet, Middle East Correspondent

IRAQ'S invasion of Kuwait has been a setback for joint venture projects on the Arab side of the Gulf, but Iran is re-emerging as a significant market for UK companies, according to a report by the Committee for Middle East Trade (Comet).

British exports of £271.2m to Iran for the first nine months of 1990 have already surpassed the 1989 total of £257m. Comet says, noting that Iran's population of 55m is more than double that of the six Gulf Co-operation Council states combined.

"Improved relations on the diplomatic front must augur well for further advances of trade with a country that in spite of upheaval has maintained what many see as an exemplary payments record and which has little or no long-term debt."

Diplomatic links between London and Tehran were restored in September, but several obstacles need to be overcome if Britain is to compete effectively against rivals such as West Germany and Japan.

Comet says there are only 45

British citizens resident in Iran, compared with several thousand in the 1970s, while trade is further restricted by the absence of medium and long-term finance for contractors; the Export Credits Guarantee Department charges a premium of 8 per cent on trade with Iran and allows cover only up to 360 days.

The report concludes that the Gulf crisis will probably delay a number of joint venture projects due to start in 1991 in the GCC states, with construction and engineering work most vulnerable to an extended period of uncertainty because of their long lead times.

Not all the signs are gloomy, however. Higher oil prices are bolstering Gulf economies, and the presence of some 350,000 Kuwaiti refugees and thousands of foreign troops in Saudi Arabia has created a commercial mini-boom in some sectors in the Eastern Province.

* *The Gulf - British Business at Risk: Crisis or Opportunity*, Comet, 33 Bury St, London SW1Y 6AX, £35.

Democrats urge Bush to take cautious line

By Peter Riddell, US Editor in Washington

LEADING US Democrats and former service chiefs have urged caution on President Bush over armed action to force Iraq out of Kuwait.

A prominent House Democrat, Congressman Lee Hamilton, has urged the president to send a special envoy to Baghdad to make clear US intentions, though not to undertake negotiations until Iraq had withdrawn from Kuwait.

Mr Hamilton said that Americans had become "confused" by differing descriptions of which Mr Bush has given to US aims in the crisis and it was "logical to assume" that Saddam Hussein may have similar uncertainties.

Similarly, Congressman Richard Gephardt, the House majority leader, has urged a policy of staying the course and sticking with sanctions.

Admiral William Crowe, former chairman of the joint chiefs of staff, told senators all peaceful means of getting Iraq out of Kuwait must be exhausted before using military force.

Israel raises taxes to pay for Soviet immigration

By Judith Maltz in Jerusalem

ISRAEL'S cabinet voted yesterday for tax increases to pay for the cost of absorbing a huge influx of Soviet immigrants.

The cabinet approved a Shk 76.7bn (\$8.5bn) budget for 1991, including a 5 per cent surcharge on income tax payments from January for three years and an increase in value added tax on all goods and services from 15 to 18 per cent. The two measures are expected to increase government revenues by Shk 2bn.

The cabinet also agreed to cut cash allocations and other benefits to new immigrants, reduce child allowances and implement a 2 per cent across-the-board cut in spending by ministries, except defence.

Mr Yitzhak Mordechai, the finance minister, had sought to cut defence spending by Shk 200m, but Mr Moshe Arens, the defence minister, rejected this, demanding an increase of Shk 1.5bn, mainly because of the Gulf crisis.

Under the compromise deal reached

between the two ministers, the defence ministry will receive a Shk 380m increase in its Shk 12bn budget next year.

After taking into account the approved tax increases and spending cuts, the budget deficit amounts to Shk 9.5bn.

Both the treasury and the Bank of Israel maintain that a deficit of this size is tolerable during a period of huge immigration, so long as most of the increased spending is on investments and not consumption. Any increase in the deficit above this level, however, in their view, could rekindle inflation and put pressure on interest rates, thereby discouraging new investments.

The 1991 budget is almost Shk 13bn larger than the current fiscal year budget, with most of the increase reflecting spending on housing, education, and job-creation for Soviet immigrants. The budget assumes that 300,000 Soviet immigrants will arrive next year.

The budget must now be endorsed by parliament.

India gives go-ahead to A-320 flights

THE new Indian government of Prime Minister Chandrashekar Jeyaraj yesterday said Indian Airlines' fleet of Airbus A-320s would be brought back into service on domestic routes, David Housego reports from New Delhi.

The domestic carrier's 18 Airbus A-320s have been grounded for almost nine months following the crash of an A-320 at Bangalore.

The announcement reverses the refusal of former Prime Minister V.P. Singh to allow the A-320 to fly on domestic routes until the commission of inquiry into the accident had made its report.

The report is expected to be released shortly.

Mr Singh's government had also alleged that Airbus Industries, manufacturers of the Airbus A-320, had paid illegal commissions to the previous government of Mr Rajiv Gandhi to secure the contract.

Mr Chandrashekar's government is now dependent on Mr Gandhi's Congress party for its survival.

With the change of government, inquiries by the Indian authorities into the payment of commissions are expected to be dropped. Airbus Industries has always denied the allegations.

Seoul GNP up 9.6%

South Korea's gross national product expanded by a real 9.6 per cent, year on year, in the third quarter, the Bank of Korea said yesterday, John Riddington reports from Seoul.

The growth rate, boosted by a continuing construction boom, a recovery in manufacturing and improved exports, was higher than expected. It means that the central bank's projections of annual GNP growth of between 8.5 and 8.8 per cent are likely to be exceeded.

Japan growth eases

Japan's industrial production index rose 2.5 per cent last month, a smaller increase than predicted, prompting expectations that the economic growth rate has peaked and will ease until the end of the year, Robert Thomson reports from Tokyo.

The Ministry of International Trade and Industry said the index reached 129.5 at the end of October, compared to the base of 100 in 1985. There were significant increases reported in transport machinery production, and falls on the previous month's level in only the oil and coal products sector.

Kohl Mideast plan

German Chancellor Helmut Kohl has called for a standing conference to resolve disputes in the Middle East possibly modelled on the CSCE conference which have helped to bring together eastern and western Europe, David Goodhart reports from Bonn.

Ortega mission

Mr Daniel Ortega, the former Nicaraguan president, arrived in Baghdad yesterday for his second meeting in two weeks with Iraq's President Saddam Hussein, Tim Coone reports from Managua.

Since mid-November Mr Ortega has been carrying out a behind-the-scenes negotiating mission in an attempt to find a peaceful solution to the Gulf crisis, carrying messages from several prominent statesmen.

Delhi imposes its rule on Assam as tea crisis worsens

By David Housego in New Delhi

THE Indian government yesterday brought the north-eastern state of Assam under direct rule from New Delhi in an effort to curb separatist violence that has badly disrupted tea production from the country's largest tea growing area.

The announcement of president's rule - thus suspending the provincial government and assembly - was accompanied by the outlawing of the separatist United Liberation Front of Assam (ULFA). The extremist group's attempts to extract funds at gunpoint from British and Indian tea groups led Unilever, the Anglo-Dutch group to evacuate 45 senior executives and their families from the Doom Dooma estates in upper Assam earlier this month.

Brooks Bond and Lipton, both Unilever subsidiaries, are also boycotting the tea auctions in Guwahati, the Assamese capital because of the violence - a move that inevitably reduces India's foreign exchange earnings at a time of critical balance of payments difficulties.

Assam accounts for about 65 per cent of India's tea production. It also produces 5.8m tonnes of crude oil a year.

Assam Gana Parishad (AGP), the Assamese regional movement which has been in power in the state for the last five years, immediately called a 12-hour strike in the state today

to protest at the decision.

At the same time the Indian army and paramilitary forces began widespread combing operations to arrest ULFA militants.

Apart from curbing violence that has disrupted both tea and oil production, the decision to impose president's rule is also a way of postponing state assembly elections next month that probably would have been won by the AGP and the extremists. The AGP is a coalition partner in former prime minister V.P. Singh's National Front which Mr Chandrashekar helped topple from power.

The governor of Assam and the national political parties have said that the widespread violence in the state made free and fair elections impossible. With the AGP government of Chief Minister Prafulla Kumar Mahanta reaching the end of its tenure on January 8, the last date for declaring fresh elections was today.

Mr Mahanta yesterday denounced the declaration of president's rule as a "betrayal of democracy" that had been engineered with the backing of the major tea and industrial groups in Assam. He said he feared it would lead to further violence in the state, adding that direct rule from Delhi had failed to solve the problems of Kashmir and the Punjab.

Lee quits as boom starts to falter

By Joyce Quek in Singapore

LEE KUAN YEW, Singapore's prime minister for 31 years who resigned on Tuesday, leaves his successor one of Asia's most rapidly growing economies which is outperforming forecasts. But there are signs that the country is nearing the end of a boom and Mr Goh Chok Tong may have his work cut out for him.

The US economy, Singapore's main customer, is facing recession while Japan, its second largest investor, is experiencing lower growth rates. But, unlike the 1985 recession, when there was no compensating factor to offset weakened US demand, Singapore's economy should be bolstered next year by a buoyant regional market, with 75 per cent real growth expected in Indonesia, Malaysia and Thailand.

The latest figures indicate that Singapore's gross domestic product is growing by 8.3 per cent this year, above the 6-8 per cent forecast. But the index of leading economic indicators has been declining since February, and slower growth of 3-6 per cent is expected in 1991.

Inflation, which reached 3.4 per cent in the first nine months of this year, could rise to 4 per cent in the final quarter to lift the 1991 average to 3.6-3.7 per cent, although that is still below the 4.0 per cent forecast for other newly-industrialised economies.

Mr Lee's Singapore is the second least risk economy after Japan, concluded a survey of 10 Asian countries by the Hong Kong office of US-based Political and Economic Risk Consultancy (PERC). The study, based on market size

and potential for economic and socio-political change, described Singapore as an Asian country with really working with high marks for social and political stability.

However, the consultancy, which advises western companies doing business in Asia, is worried that Singapore's long-running battles with the foreign media are projecting an intolerant image which may intimidate foreign business. It also noted that the political transition could pose problems until the new leadership gains public confidence.

International stockbroker Croysey Securities is more upbeat. It believes Singapore and Hong Kong will be hardest hit by a big economic downturn but in the medium term are likely to outperform the more insulated economies. It picks Singapore as the most balanced and resilient economy ahead of Hong Kong, Thailand and Malaysia.

It notes that new and planned investment commitments underpin long-term confidence, even if the short-term outlook is less positive. Singapore's competitive position is keeping the rate of investment at the \$22bn (\$595m) mark for the third year running. Gulf crisis and transition of power notwithstanding.

Singapore's third quarter economic performance did not fully reflect the impact of the Gulf crisis but if the September trade figures and business expectations - both at their lowest levels since the 1985 recession - are portents, Mr Goh may have little room for manoeuvre.

Liberian factions agree ceasefire at Mali peace talks

LIBERIA'S three warring factions agreed on a ceasefire yesterday, boosting prospects for an end to an 11-month civil war that has claimed more than 10,000 lives, mostly civilians, AP reports from Bamako, Mali.

The accord was signed at a meeting in Mali's capital, Bamako, attended by leaders of 13 west African countries convened to seek a settlement in Lib-

eria. Signing the agreement were Mr Charles Taylor, head of the main rebel faction, Mr Prince Johnson, leader of a breakaway rebel force, and Major Wilmot Diggs of the Liberian army, representing the followers of slain President Samuel Doe.

The talks that led to the accord marked the first time that all three sides had met face-to-face for negotia-

tions to resolve the conflict. Mr Taylor had refused to attend previous peace talks.

Mr Taylor began the uprising by invading Liberia from the Ivory Coast last December. He has declared himself president and says his forces control most of the country.

Also at the conference was veteran opposition politician Amos Sawyer,

installed as Liberian president with the backing of an 8,000-strong West African peace-keeping force.

The force contains soldiers from Nigeria, Ghana, Guinea, Gambia and Sierra Leone. All those countries' leaders were at the conference except Guinea, which sent a cabinet minister.

About half of Liberia's 2.3m people are refugees.

Boat people repatriation delayed

THE first batch of boat people due to be sent back to Vietnam from Hong Kong under a new "non voluntary" repatriation scheme has had to be postponed, Angus Foster writes from Hong Kong.

The delay is a setback to the Hong Kong government which had hoped the scheme would encourage more boat people to come forward under an existing voluntary repatriation programme.

The United Nations High Commission for Refugees (UNHCR), which monitors all repatriations, identified more than 100 boat people it hoped to repatriate under a category of people who, while they do not volunteer for repatriation, do not actively oppose it either.

But with the first flight due to leave today, nearly all the boat people have dropped out. The remaining 25 will now be sent back this weekend with a

group of voluntary returnees.

All the boat people being sent back to Vietnam under both the voluntary and non voluntary schemes have already been "screened out" as economic migrants rather than genuine refugees.

Hong Kong wants to lift the number of returnees to its target of 1,000 a month. Under the voluntary scheme, about 400 have been sent back each month since February.

Japanese hope to limit the slide in property prices

Officials think real estate is still too dear but don't want to see values plunge, writes Robert Thomson

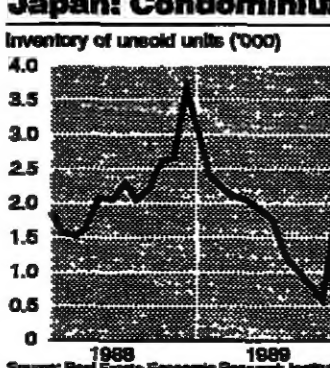
THE signs of Japan's property slump are clear for all to see. The formerly long queues of eager buyers outside condominium construction sites have disappeared, and the ranks of troubled property companies are growing. Kyowa Corporation, a steel frame builder and, of late, a real estate developer, has just been added to the list.

While Kyowa's failure is seen as the forerunner of others, government officials have the impression that the market fall will be handled in an orderly manner with a minimum of bruising, and that the downturn will not be a plunge.

Kyowa, with outstanding debts of ¥150bn (\$590m), is the largest failure this year and apparently the sixth-largest on record, though its property indulgences are characteristic of many non-property companies which strayed far from core businesses to take advantage of the real estate boom.

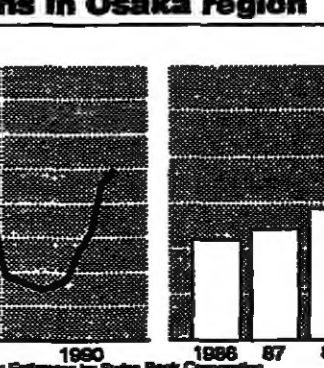
The company's problems come as Japanese politicians argue over the introduction of a landholding tax intended to push property prices down by 20 to 30 per cent, figures that appeal to a range of officials, including Mr Yasuichi Mieno, the Bank of Japan governor. They agree that prices are too

Japan: Condominiums in Osaka region



Source: Real Estate Economic Research Institute; Estimates by Swiss Bank Corporation

Average unit price (¥ million)



Source: Real Estate Economic Research Institute; Estimates by Swiss Bank Corporation

high and that the fall should be "gradual" to ensure damage is limited.

The new consensus on the slump contrasts with the political dispute over the proposed tax. Japanese politicians will still be debating the matter when the real property crunch comes, most probably in March or April, when stocks of unsold apartments will have mounted and cash flow problems could reach a peak.

Yet, there is no sense of panic. Japanese banks will take a severe beating if prices fall suddenly, but there is confidence that they will decline gently, despite the excesses. Property prices doubled over

the last five years and, in the area around Osaka, the second-largest city and the most problematic property market, they have doubled in the past two years.

Dr Ken Courts, of DB Capital Markets Asia, suggests that the "cozy consensus" on a gradual fall is dangerously wrong, and says regional banks will be particularly vulnerable when the crunch comes.

But Mr Makoto Kaimasu, a senior analyst at the Nomura Research Institute, says big property companies see the present softness as a good reason to buy. He does not expect that a listed company will go

under, though non-bank financial institutions with heavy property exposure could face problems.

The government's desire for lower land prices stemmed from general anger at unaffordable home prices. In 1994 an average apartment cost six times the annual wages of a company employee. It is now close to 10 times.

A sharp rise in interest rates in the past year has made the mathematics even more complex.

Officials at the National Land Agency have argued that prices will fall only if the supply of properties for sale is increased, and so the idea of a

landholding tax and a penalty for under-used land. Levels for a new tax range from 0.1 per cent recommended by the Construction Ministry or 0.8 per cent proposed by the National Land Agency.

While the ruling Liberal Democratic party is far from conclusion on the tax, prices have fallen and the supply of unsold properties is rising.

The trend is most obvious in the condominium market, with developers offering 10 per cent discounts on recently completed projects and a slump in second-hand prices.

The losses so far are small but ambitious property developers, who have been stung by unexpectedly high interest rates this year, and the speculators who bought condominiums around Osaka, residential prices in Osaka rose by 56 per cent last year, while speculators are estimated to have bought about half the region's newly-completed condominiums.

At the same time, construction companies have been rushing to complete their contracts for new buildings, fearing that a delay could leave them in a slump with a non-paying customer.

Condominium starts were up 65 per cent in September from a year earlier.

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AMERICAN NEWS

Judge lifts ban on Noriega tapes

A US federal judge yesterday lifted his ban against Cable News Network (CNN) broadcasting former Panamanian leader Manuel Noriega's taped telephone conversations, AP reports from Miami.

Judge William Hoeveler said "the tapes may be published as CNN wishes to publish them". The ban on the network's use of the recordings had sparked a fierce constitutional debate over the right of free speech against the right to a fair trial.

Mr Noriega, who is awaiting trial on charges of taking \$4.6m (£2.3m) in payoffs to protect the cocaine trade through Panama, is being held in a federal prison near Miami. Prison authorities monitor and tape-record all inmates' telephone conversations, except those between inmates and lawyers.

The judge also ordered the Federal Bureau of Prisons to stop its practice of sharing tape-recorded conversations in the Noriega case with other government agencies.

But information from the tapes is already in the hands of at least one additional party, the government of Panama, according to an affidavit filed on Tuesday by the country's attorney in the US.

Ethics committee continues hearing into links with Lincoln chief

S&L senators' future in doubt

By Peter Riddell, US Editor, in Washington

THE political future of several US Senators, notably Democrat Dennis DeConcini of Arizona, now looks uncertain following the exposure of the seamy side of American political contributions and the savings and loan scandal by the Senate ethics committee.

The committee's inquiry into the links between five US senators and Mr Charles Keating, the head of the failed Lincoln Savings and Loan, who raised or contributed \$1.3m for their campaigns and causes, is now in its third week of nationally televised hearings.

The senators' staff and regulators have been paraded day after day to discuss whether the senators behaved improperly on behalf of Mr Keating.

The star witness has been Mr Edwin Gray, chairman of the Federal Home Loan Bank Board, the main S&L regulator, who in April 1987 attended a meeting when he claims to have been intimi-

dated and pressured by the senators, an interpretation which they deny.

Mr Gray says that during the meeting Senator DeConcini was the "least passive" of those attending in promoting a "quid pro quo" that Mr Keating wanted to help keep Lincoln afloat. Under the deal, the bank board would withdraw a recently introduced regulation to curtail sharply investments by S&Ls in high-risk, high-profit ventures in exchange for an agreement by Lincoln to make more home mortgage loans.

He had earlier argued that the intervention by the senators "capped years of private threats and public vilification" aimed at thwarting effective regulation.

During the hearings Ms Laurie Sedlmayr, an aide to Senator DeConcini, said she had had misgivings about both Mr Keating and the senators' meeting with Mr Gray, the regulator.

Mr Robert Bennett, the committee's special counsel, has argued that conduct by three senators - Mr DeConcini, Mr Alan Cranston of California and Mr Donald Riegle of Michigan (the chairman of the Senate banking committee) - raises serious questions of propriety.

Mr Bennett has questioned the judgment of Senators John McCain of Arizona and John Glenn of Ohio in participating in the meeting with Mr Gray, but has said these two senators did not break specific rules of the senate.

During the public hearings the two Arizona senators and their lawyers have accused each other of wrongdoing in their attempt to establish their own innocence. In general, the senators have argued that their lobbying was a form of constituent service since Mr Keating was either a resident or had substantial business investments in their home states.



Dennis DeConcini: 'least passive' at meeting

US chipmakers take softer line on trade pact with Japan

US semiconductor manufacturers have urged President George Bush to seek a new trade pact with Japan, to take effect when the current five-year chip agreement expires next summer, Louise Kehoe writes from San Francisco.

A new pact is essential, they claim, to maintain pressure on Japan.

The proposed new agreement's aims would be the same as those of the controversial

1986 pact - to open Japan's chip market to foreign suppliers and prevent future "dumping" of Japanese chips in the US and other markets.

US chipmakers said, however, the agreement would reflect "the current more positive trading relationship" between the two countries, signalling a more conciliatory tone.

The most significant change would be elimination of the

"fair market value" pricing system - created to end dumping - in which the US Commerce Department determines on a quarterly basis fair prices for Japanese memory chips.

This element of the 1986 agreement caused a rift between US chipmakers and buyers, who claimed the anti-dumping measures caused a steep rise in memory chip prices.

By advocating that this sys-

tem be dropped, the US chip industry has won support for its proposals from leading US computer and electronics industry groups.

The US chipmakers also recommend the US government delay to 1992 a deadline for Japan to increase foreign purchases of semiconductors to at least 20 per cent of its market, with future targets to be negotiated.

The foreign share of the

\$15bn (£7.6bn) Japanese chip market has risen from 8.5 per cent, when the 1986 agreement was signed, to 13.3 per cent in the second quarter of 1990, according to latest estimates.

The immediate challenge for US chipmakers lies in Washington. Industry officials acknowledge that elements within the Bush administration may not favour moves that could aggravate trade friction with Japan.

US economic growth slower than forecast

By Michael Prowse in Washington

US ECONOMIC growth was slower than expected in the third quarter, the Commerce Department said yesterday, but new durable goods orders for October were surprisingly buoyant, mainly because of strength in the volatile transportation index.

Real gross national product increased at a seasonally adjusted annual rate of 1.7 per cent in the quarter, the eighth down from last month's "flash" estimate of 1.8 per cent.

The figures contrast with market expectations of an upward revision in growth to between 2 and 2.2 per cent.

Mr Martin Fierman, White House spokesman, seized on the figures as evidence that the US economy was not yet in recession. The 1.7 per cent GNP increase follows rises of 0.4 per cent in the second quarter and 1.7 per cent in the first.

Howver, GNP is widely expected to decline in the fourth period, perhaps at an annual rate of 2 to 3 per cent.

New orders for durable goods in October rose 3.6 per cent to \$125bn (£65.5bn), after declines of 0.9 and 1.5 per cent

in August and September. However, excluding transportation, new orders fell 0.4 per cent.

The largest downward revisions in third-quarter GNP were in personal consumption spending, which rose 3.2 per cent compared with the previous estimate of 3.6 per cent, and business inventories, which declined by \$4.4bn against \$1.7bn in last month's report.

Housing construction and government spending were also more subdued than initially estimated.

The largest upward revision was in foreign trade. After allowing for inflation, the gap between imports and exports narrowed to \$500m in the third quarter compared with an initial estimate of \$7.9bn. Figures for business investment were also revised upward.

Officials said that the increase in new durable goods orders was more than accounted for by a 1.6 per cent gain in orders for transportation in order for transportation.

Strength in both aircraft and motor vehicle orders.

Mexican trade talks may draw in Canada

By Richard Johns in Monterrey

THE thorny question of whether Mexico's negotiations for a free-trade agreement (FTA) with the US will start on a bilateral basis or will involve Canada will be tackled in Brussels on Sunday.

Mrs Carla Hills, US trade representative, will discuss the question with Mr Jaime Serra Puche, Mexico's minister of commerce and industry, and Mr John Crosbie, Canada's minister of trade, prior to next week's General Agreement on Tariffs and Trade summit in the Belgian capital.

Mrs Hills said they would examine "whether it is efficient to have Canada be part of this negotiation; whether it is desirable to proceed in a tripartite fashion or a bilateral fashion".

She was talking prior to President George Bush's departure from Monterrey following a successful summit meeting with President Carlos Salinas de Gortari, aimed primarily at laying the best possible base for free-trade talks, which are expected to start in early summer next year.

The essential aim was to move towards not only a comprehensive North American FTA but agreement covering the whole of the western hemisphere, Mrs Hills stressed.

Earlier Mr Nicholas Brady, US Treasury secretary, had been evasive when asked if the US would insist in bargaining with Mexico on guarantees about non-cartelisation of energy supplies in the event of a worldwide supply disruption. However, he said the question had not been raised at the Monterrey talks.

Mr Brady made it clear that arrangements had not yet been finalised on the underwriting by the US Export-Import Bank of up to \$1.5bn (£750m) of contracts under which American exploration and drilling companies would undertake work for the state oil group.

There had been no discussion of the possibility of equity participation - or rights to hydrocarbon reserves discovered - in risk ventures with the state oil corporation, Mr Brady said.

Chevron oil output plan angers green lobby

By Alan Friedman in New York

CHEVRON, the fourth biggest US oil company, plans to activate the controversial Point Arguello oil field off the coast of California to produce up to 20,000 barrels a day.

The move, presented by Chevron as a response to a call by President George Bush for increased domestic oil production, means making use of an oil field which symbolises the national conflict between environmentalists and the oil industry's desire to capitalise on higher crude prices.

Point Arguello, 10 miles off the coast of Santa Barbara, has remained idle for three years following a \$2.5bn (£1.3bn) investment by Chevron and 17 other companies.

Environmentalists have blocked various plans to pipe or tanker the oil to Los Angeles, and Chevron has already written off \$445m of its \$780m portion of the investment.

The arguments against shipping oil from Point Arguello, the nation's biggest domestic oil find in 30 years, were strengthened in the wake of last year's Alaskan oil spill disaster.

In recent weeks the Department of Energy has tried to mediate between the oil industry and environmentalists, suggesting interim tanking of the Point Arguello oil to Los Angeles. This compromise was rejected by local officials in Santa Barbara.

Environmentalists yesterday dismissed the Chevron decision as a public relations manoeuvre, but Mr Will Price, president of Chevron USA, said the move "is a good-faith attempt to bring into being the compromise offered by the Department of Energy in the interest of meeting the nation's energy needs".

Mr Price said the controversy "is really a local issue", adding he was optimistic that Chevron would win an appeal to the California Coastal Commission. The 20,000 barrels a day will be piped to Northern California rather than to Los Angeles, which will mean making partial use of the All America pipeline.

Collor admits policy may have to change

By Robert Graham and Christina Lamb in Brasilia

BRAZIL'S President Fernando Collor de Mello has admitted he may have to modify his economic stabilisation programme following disappointing results in Sunday's elections for state governors.

Mr Collor told the Financial Times he was "increasingly aware of the need for a better understanding to defeat inflation. Over the next week he will meet political leaders, business and union representatives and church officials."

"We will have to see if the plan has to undergo some modification," he said, adding: "The best economic plan we can have is one that can count on the support of society as well as a considerable proportion of Congress."

Mr Collor blamed the recent surge in inflation on the doubling of the oil import bill, resulting from the Gulf crisis. "At a time when we are trying to economise, this extra dollar cost (\$300m per month) is very serious."

Inflation is edging towards 19 per cent a month but Mr

Collor said his government was still working to reduce it to a monthly 3 per cent by next autumn.

He denied the state elections were a referendum on his government and described the results as a "consolidation of democracy". However, with the defeat of pro-Collor candidates in 14 states, including the five biggest, the president will have a harder time advancing his anti-inflationary policies.

He denied his efforts to secure support reflected a feeling of isolation and suggested instead that using the consensus approach "defeat inflation might be the last chance to avoid a serious recession."

"We must balance the application of our economic programme with the least possible social cost."

Previous meetings between ministers and business and union leaders have ended without agreement. The fundamental difference is over wage moderation, which the government sees as a key cause of escalating inflation.

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UK NEWS

THE NEXT ELECTION

New cabinet lifts Tory hopes of June victory

By Alison Smith

WITH the new cabinet in place and the government taking shape, many Tory MPs have already begun reviving the "golden scenario" of a June election next year.

Though Mr John Major, the prime minister, has himself said recently that the election will be won or lost on the economy, the surge of optimism among Tory MPs over the last 36 hours has been clearly based on political, rather than economic, indicators.

Meanwhile the Labour opposition party tried to seize the initiative on the issue of Europe, with a further step towards endorsing the principle of a single currency.

Despite the euphoria at their new high standing in the opinion polls, some Tories would privately at least - agree with Mr Neil Kinnock, the Labour opposition leader, that the ratings shown are not necessarily a good guide as to how people would vote at a general election.

"I am not just dismissing the polls," Mr Kinnock said yesterday.

"I am saying it was a phenomenon connected directly with the widespread desire for Mrs Thatcher to go under just about any circumstances."

There was such a national gush of relief at her departure under any circumstances that it showed up in a particular way in the polls," he said.

Where the Tories would differ from Mr Kinnock is in their conclusion.

Where Labour say that the verdict is on Mrs Thatcher's policies and will continue to reflect on the Tory party, Tories themselves are now confident they can make a fresh

start and jettison their previous unpopularity.

And while sceptical of the long-term value of the current opinion poll lead, they are heartened by the likely effect of that lead, together with the new mood of unity, on the morale of party activists and supporters.

Labour is working on the basis that Mr Major will go for an early election, and is planning a campaign next week to re-emphasise issues such as education and health.

While Tories say they do not believe there will be a "snap" election as early as February, and would be worried if there were, they believe that the months between June and October may offer a winning combination of "honeymoon" effect, even if it is beginning to wane, and sufficient movement in the right direction of most economic indicators.

They say that that timescale would also be the best from the point of view of going to the country with a promise of a reformed poll tax rather than a completed review, which may not meet expectations.

But even the most sanguine do not believe it will all be plain sailing.

There is a desire to let matters settle for a while, and caution about the public mood as people face possible further difficulties about the health service, rising unemployment, and continuing high levels of interest rates.

Given the apparent volatility of the electorate, the Tories are also keen to have the May local election results to study before reaching a decision.

As council elections, they

should be particularly valuable as a sign of how much continuing resentment the current version of the poll tax is causing.

Nonetheless, the new mood of hope was summed up yesterday by one minister, who commented: "When is the general election going to come? In June or October, when we can win it."

LABOUR yesterday gave explicit backing to a single European currency and the creation of a Central Bank for Europe, adds Ivo Dawney.

A six page policy document, approved by the party's National Executive Committee, backs Britain's eventual entry into a European monetary union but rejects outright a "a costly complexity" the hard Ecu alternative strategy.

The move, clearly intended to steal a march on the Conservative government in the run up to next month's EC inter-governmental conference in Rome, is hedged with a number of qualifications.

These include the need for approval of monetary union by member states' and reservations about the timetable for economic convergence under the Delors plan.

Nonetheless, the policy statement, approved by 18 votes to one, represents a significant step for the party, shifting it still further from a sceptical stance on the issue to a positively pro-European position.

Commenting the policy yesterday, Mr Larry Whitty, Labour's general secretary, said it was a "dynamic, forward-looking document, in tune with the thinking of the British public."

PROFILE OF THE NEW CHANCELLOR OF THE EXCHEQUER

Lamont heads battle against inflation

By Philip Stephens

MR NORMAN LAMONT has the job he has always wanted. Until a few days ago it was a distant dream.

The affable, urbane and ambitious 48-year-old MP for Kingston-upon-Thames was, until mid-1988, stranded on the fringes of the Cabinet. His appointment then as Chief Secretary to the Treasury left him one of its most junior members.

But the cataclysmic upheavals which started 18 months ago with Mr Nigel Lawson's resignation and ended yesterday with Mr John Major's move to 10 Downing Street left him the obvious choice yesterday as Chancellor.

Four years' experience in the Treasury - as was financial secretary from 1986 - a background before that in energy, trade and industry, and defence, and an economics degree from Cambridge gave him the paper qualifications.

His central role first in persuading Mr Major to contest the leadership and then in running the slickest campaign of any of the candidates, provided the political credentials. "Anyone who could get BT to install six telephones and a facsimile machine within an hour will have no trouble running the economy", a friend commented this week.

If the past is any guide to the future, Mr Lamont's elevation will not signal any great break with the economic policies of his predecessor.

The present parlous state of the economy, with inflation in double figures and the trade deficit still large, limits the discretion of any chancellor. So too does sterling's participation in the exchange rate mechanism.

Mr Lamont anyway shares Mr Major's instincts. He is no ideologue. But like the prime minister he believes that the government's political credibility - and thus its hopes of winning the general election - depends on curbing inflation.

His "Bruges-line" attitude to European integration will provide a counterweight to Mr Douglas Hurd's more sympathetic approach during the forthcoming negotiations on economic and monetary union. In general, the sobriquet that can be applied to many members of the new cabinet - dry on economics, dampish on social issues - fits fairly well.

A one-time supporter of Mr Edward Heath, the former Tory prime minister, who took



the risk of switching to Mrs Thatcher in 1975 before she became leader, his political outlook has drifted steadily to the right. He was one of her strongest supporters in her initial contest with Mr Michael Heseltine.

Although they are old friends - Mr Lamont was his number two at defence during the Westland crisis - he deeply distrusts Mr Heseltine's interventionist approach to economic and industrial management.

The new chancellor was dismayed and enraged when Mr Lawson offered his support in the leadership struggle to the former defence secretary. He told friends that Mr Lawson,

for three years his patron and mentor at the Treasury, had betrayed the passionate belief in economic liberalism that they had shared.

During the recent turmoil, he also revealed a deeply-felt antagonism to any rush towards European integration, arguing that issues which were fundamental to Britain's control over its own destiny, could not be "swept under the carpet".

But after the first leadership ballot, Mr Lamont agreed with most of his Cabinet colleagues that Mrs Thatcher could not win. He told her bluntly. When she decided to step down, he decided instantly that Mr Major was the candidate who

would do most to preserve her inheritance and moved quickly to set up his campaign.

By background and temperament he will mark a break with Mr Major. If the new prime minister is often accused of being "grey" and "suburban", Mr Lamont is a gregarious socialist whose appearances at fashionable parties have sometimes brought unwelcome mentions in the tabloid gossip columns.

A former merchant banker at Rothschilds, he remains many close friends in the City. He enjoys the company - though he insists less so as time goes by - of journalists. Dinner parties at his elegant Notting Hill home include a wide circle of acquaintances from outside politics.

Mr Lamont's social background is also markedly different from that of Mr Major. The son of a surgeon, he was one of the "Cambridge Mafia" of young Tories in the mid-1980s, which includes in its number Mr Kenneth Clarke, Mr Michael Howard and Sir Leon Brittan. After a spell at Conservative Central Office and in the City, he became MP for Kingston-upon-Thames in 1972.

But his basic approach to economic policy is identical. Officials who have worked closely with him say he is convinced of the political as well as the economic arguments for a tough anti-inflation strategy.

He was agnostic if not unenthusiastic about the decision to take sterling into the ERM. But that reflected his general scepticism towards Europe rather than any lack of commitment to a strong exchange rate as an anti-inflationary discipline.

Spells as a junior trade and industry minister, when he was responsible for the sale of British Shipbuilders, and as financial secretary, when he led the campaign for wider share ownership, have left him a fervent advocate of privatisation.

As chancellor he may continue to wage the campaign he launched in more junior roles to persuade the City to pay more attention to small investors and, perhaps, to erode the rights of the institutions to pre-empt new share offerings.

If he is often exuberant, Mr Lamont also inclines to reflex pessimism about the political outlook. "He is being gloomy when he is being gloomy," says how one Whitehall insider puts it. "He always thinks something else will go wrong," says

a ministerial colleague. But he is politically shrewd. An impatience with minutiae is balanced by a natural grasp of the main issues and an ability to deliver combative, off-the-cuff performances in the House of Commons.

Treasury officials believe that his new job will test his nerve. Britain is heading much faster into recession than the government thought. Striking a balance between maintaining the pressure on inflation and avoiding an irreversible slump will be more difficult than for many years. "We don't know whether we should cut interest rates now, so it will be up to him", a senior Whitehall official said yesterday.

He is known as a minister who insists on comprehensive briefings from civil servants before taking on his opponents. But his nervousness before such occasions is often belied by his outward confidence once battle is joined.

His tough performance as chief secretary in this year's public spending round enhanced his stature with cabinet colleagues. He tells friends that, for all the angst, he has never enjoyed anything as much in his life.

The negotiations were the most difficult since the early 1980s, and Mr Lamont was forced to add an extra 58bn to the public spending total for next year. Both his officials and Mr Major, however, judged that it was the lowest figure that he could have hoped for, given the impact of departmental budgets of the sharp rise in inflation.

As chancellor, his approach to spending taxation and borrowing is likely to be shrewdly tough, but to be pragmatic rather than ideological. He will stick to the target of progressive reductions in public spending as a share of national income but is likely, to unfused if it takes time.

His instincts on taxation will incline him towards using any leeway to help those at the bottom end of the income scale. There is already speculation that he might use his first Budget next year to restructure further national insurance contributions for the low-paid.

Before then he will have to walk the tightrope of decision-making which will allow the government to bring down inflation without ruining its electoral prospects by driving the economy into a deep recession.

JOHN MAJOR'S CABINET

Prime minister John Major
Lord Chancellor Lord Mackay
Foreign secretary Douglas Hurd
Chancellor Norman Lamont
Home secretary Kenneth Baker
Leader of the Commons John MacGregor
Tory party chairman Chris Patten
Defence Tom King
Environment Michael Heseltine
Trade and Industry Peter Lilley
Chief secretary to treasury David Mellor
Education Kenneth Clarke
Employment Michael Howard

Transport Malcolm Rifkind
Energy John Wakeham
Social Security Tony Newton
Northern Ireland Peter Brooke
Agriculture John Gummer
Health William Waldegrave
Welsh David Hunt
Scottish Ian Lang
Leader of the Lords David Waddington

OUTSIDE THE CABINET

Government chief whip Richard Ryder
Attorney-General Sir Patrick Mayhew

THE VIEW FROM BONN

Nostalgia for unifying effect of devil they knew

By David Goodhart

IN GERMANY the election of Mr John Major, scarcely known on the international stage, has released a surprising wave of nostalgia for the "devil you know" - Mrs Thatcher.

Commentators who could not bear her way in office are suddenly discovering her virtues - among them her unifying effect on the rest of the EC. It is feared that without the pole of Mrs Thatcher the EC will subdivide into squabbling groups.

Even Chancellor Helmut Kohl said in an interview yesterday: "Contrary to what has already been said about me in public, I have a very good relationship with Mrs Thatcher. It is true that we often had arguments - perhaps more than other people, but this did not in any way diminish my respect for the extraordinary achievements of this extraordinary woman."

"It took me quite some time before I understood her negotiating tactics and her way of asserting her opinion in meetings," he said.

"In decisive political questions, as she well knows, I do not share her opinions. I do not support a pure market economy but the social market economy."

"I also believe there can be no return to the national state of the 19th century. But in the questions of defence and the espousal of freedom we are not divided."

The Chancellor yesterday sent a telegram of congratulation to Mr Major.

"The Federal Republic of Germany and the United Kingdom can look back on many years of close friendship in the EC and NATO," he said. "I am sure that in the coming period I will be able to further develop with you the close relationship between our countries."

Mr Hans-Dietrich Genscher, the Foreign Minister, would

probably have preferred a victory for Mr Douglas Hurd with whom he has built up a close relationship.

However, he did take Mr Major to a Beethoven concert when the new prime minister was in Germany briefly last year during his short time as Foreign Secretary.

The German media, taking its cue from the British media, has been stressing Mr Major's humble background and also the circus career of his father.

VIEW FROM HONG KONG

Hope of tougher line on Peking

By John Elliott

HONG KONG community leaders hope that Mr John Major will take a more robust line than Mrs Margaret Thatcher with Peking on democratic and other issues in the British colony, which returns to Chinese sovereignty in 1997. However, they do not expect any significant change of approach.

They are relieved that Mr Michael Heseltine did not win the Conservative leadership contest because they feared he

might have softened the line on Peking.

Mrs Thatcher was often accused of losing interest in Hong Kong after she signed a joint declaration with China in 1984 on the 1997 handover. It was believed that she saw Hong Kong's re-emergence as a prime political issue last year as an irritant rather than an important challenge.

"I hope Mr Major will bring Hong Kong back on to the agenda and commit Britain to

ruling Hong Kong in the interest of the people which has ceased to be the case in the past year and a half of appeasement following last year's Tiananmen Square massacre. Mr Martin Lee, a leading liberal campaigner and political party leader, said last night.

Sir David Wilson, the governor, said that the likelihood that Mr Douglas Hurd would remain foreign secretary was "an added bonus" because of his experience.

VIEW FROM BRUSSELS

Delors looks with greater hope towards London

By David Buchanan in Brussels

SO INGRAINED has become Mr Jacques Delors' habit of thinking that anything he says publicly about Britain and Europe does more harm than good that the Commission president sent the most antidote of congratulatory messages to prime minister John Major yesterday.

In telling Mr Major that the Commission looked forward "to working closely with you, in order to fulfil the decisions already taken by the Community and, in particular, the Single (European) Act", Mr Delors did not dare voice a hope that Britain and Europe could turn over a new leaf in their troubled relationship.

Yet, in Mr Delors' view, it was Mr Major who, with his hard Ecu plan last June, opened the first chink in the Thatcher government's armour-plated opposition to economic and monetary union (Emu). The Commission president believed that when he realised the hard Ecu plan as constructive, he might be able to create a political breakthrough, but Mrs Thatcher's dismissive tone, even about her chancellor's plan, quashed that hope.

Mr Major will be pushed by his own party in Europe to modify his hard Ecu plan, so that it becomes seen, as Sir Christopher Prout, leader of the Tory Members of the European Parliament, said yesterday, "as a step on the road to monetary union rather than as a substitute for it".

With Britain getting a new prime minister and chancellor

of the exchequer, Mr Delors will be relieved if Mr Douglas Hurd stays as foreign secretary. Though he appears to many EC colleagues as standoffish, Mr Hurd has maintained the good relationship with Mr Delors that his predecessor, Sir Geoffrey Howe, struck up.

In the European Parliament - an important bellwether of ideological shifts in the Community - Tory MEPs were yesterday renewing their long-standing bid to join the centre-right European Peoples Party (or Christian Democrat) group. One of the obstacles to such a merger was "the perception that Margaret Thatcher was a minimalist towards the Community," said Mr Edward Macmillan-Scott, a Tory MEP.

The June 1989 Euro-elections reduced Tory MEPs to 32, sitting with two Danish conservatives in the European Democratic Group. They voted overwhelmingly to join the 123-strong EPP, but the latter turned them down. Aside from its distaste for Mrs Thatcher, the EPP has wanted to preserve its understanding with the socialists that a Christian Democrat would have a clear run to succeed the present Spanish socialist incumbent, Mr Enrique Baron, as president of the Parliament in January 1992.

It is precisely this left-right divide in Britain that puzzles, and alarms, someone like Mr Delors. His ferocity is alien to this French socialist who got his start in political life working for a Gaullist premier, Jacques Chaban-Delmas.



Jacques Delors: looking forward to working with the new prime minister on the Single European Act

A touchy man, he finds it hard to laugh off such excesses as the recent "Up Yours Delors" campaign waged by the Sun newspaper, though he finds it equally hard to blame the Tory press for having taken its tone from Mrs

Thatcher. On the other hand, he does not want to be used by the Labour party in an ideological war he does not want to fight.

Not only has the increased British weight among Socialist MEPs sharpened the Parlia-

ment's complaint that the Commission is going slow on social legislation. He is also aware, through people like Mr Norman Willis, the easy-going secretary general of the Trades Union Congress who is one of the few Britons with whom he

keeps up, of the very considerable reservations that exist within the Labour party about his pet project, Emu.

Small wonder, then, the Commission president deals with Britain as though he were walking on eggs.

VIEW FROM PARIS

French sceptical of Major's new era in shadow of Thatcher

By William Dawkins in Paris

FRENCH opinion was yesterday sceptical, with varying degrees of politeness, over how far Mr John Major's line on the European Community would be independent from Mrs Margaret Thatcher.

The general fear was that Mr Major might mark a shift to a more diplomatic style, with no change in the underlying UK fears of loss of sovereignty, which ring so jarringly in French ears.

A rather wistful sounding statement from the Foreign Ministry hoped that Mr Major "will show better understanding" than Mrs Thatcher of the importance of British participation in European monetary and political union. "One could wish that Mr Major understands better than Mrs Thatcher the interest for Great Britain and the 12 to work together in the creation of the single market and European union," said a spokesman.

Among the press, Mr Major was variously described as the protégé, godson and puppet of Mrs Thatcher. Le Monde expects him to continue Mrs Thatcher's economic policies, but to be less blunt on European questions. In a typically cutting front-page cartoon, Le Monde being borne aloft by the shadow of a departing Mrs Thatcher.

The financial daily, La Tri-



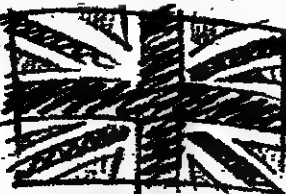
Chirac: warm welcome

bune de l'Expansion, believes the Conservative party has chosen the least European of the three succession candidates. Perhaps unwittingly, the left-wing Liberation newspaper says: "Sooner or later, the puppet Major will have to cut the strings that tie him to his creator."

However, there was an unservedly warm welcome from one quarter - Mr Jacques Chirac, former Prime Minister and head of the right-wing Gaullist party, ideologically sympathetic to Mr Major. "All those who share with you the values of liberty and responsibility today rejoice to see you take control of Britain's affairs," he said.

UK NEWS

BRITAIN IN BRIEF



Job cuts expected at BAe soon

British Aerospace is expected to announce next month a restructuring of its military aircraft operations possibly including extensive job reductions because of cutbacks in Government defence spending.

BAe union leaders said they expected an announcement on job cuts as early as next Monday. They said the company had called mass meetings on Monday at three plants.

BAe launched last July a thorough review of its military aircraft company, which employs about 26,000 people in the UK and overseas. The review followed the cancellation last June of 33 Tornados combat aircraft for the Royal Air Force.

Doubts over City's future

Middle market companies in the UK have doubts about the future of the City of London as a corporate finance centre.

According to a survey of senior executives at 100 companies by KPMG Peat Marwick McLintock, the accountancy firm, only 36 per cent see an optimistic future for the City, while 21 per cent thought London's importance would diminish.

Mr Gerry Acher, KPMG's head of corporate finance, said the result reflected widespread disenchantment among middle market companies with the failure of the UK's equity market to respond to their needs.

Few women in top jobs



Accused of complacency: Angela Rumbold

The senior civil servants' trade union accused the government of complacency over the small number of women in top Civil Service grades.

The accusation followed a claim by Mrs Angela Rumbold, the outgoing Minister of State at the Home Office, that the way in which the Civil Service promoted women was an example to other employers.

Mrs Rumbold was speaking at the launch of a National Economic Development Office report on the under-representation of women in management jobs. Only 1 or 2 per cent of all senior management jobs are filled by women, according to the study.

Supergun affair rekindled

The controversy over the Government's handling of the long supergun affair is set to be rekindled by a Parliamentary inquiry into the Department of Trade and Industry's role in the incident.

The parts for the gun were discovered at Teesport dock in Cleveland in April. A senior member of the committee said it had accumulated a substantial dossier of information, which showed that the companies involved had kept the DTI fully informed of what they were being asked to do from an early stage in the negotiations over the contract.

EC directive on employment

All workers in the European Community would be entitled to a written contract stating their terms of employment under a directive proposed by the European Commission. Unlike most of the Commission's social proposals, which have met uniformly hostile response from the UK, British officials suggested that the proposals were broadly acceptable.

The idea has been supported by the Institute of Economic Affairs, the right-wing policy group. However, Britain

resents the idea of Brussels dictating the terms of contracts covering work, which it believes are a matter for member states.

UK company wins contract

A contract worth more than £200m has been placed with John Brown, the engineering division of Trafalgar House, to install anti-pollution equipment at PowerGen's power station at Ratcliffe-on-Soar in Nottinghamshire.

John Brown fought off stiff foreign competition to win the contract, which is crucial to PowerGen's plans for combating acid rain pollution. PowerGen is one of the two electricity generating companies due to be privatised in February.

Steel figures disputed

The Ravenscraig steel plant in Scotland, which is due to have its hot strip rolling mill closed next April with the loss of 770 jobs, has better productivity than most British Steel plants, according to figures presented by union officials to a select committee.

According to the union's estimates, based on figures used to calculate bonus payments, Ravenscraig's productivity this September was 2.4 man hours per tonne. This compares with the overall productivity figure at British Steel for the year to March 31 of 4.3 hours per tonne, quoted in the company's annual report.

Fuji Bank sets up London HQ

Fuji Bank, one of Japan's largest banks, has decided to locate its European headquarters in London. Mr Naoki Yokobori, managing director responsible for Europe, said the move "proves our strong commitment to the European market and will provide a powerful base for further localisation."

Marathon to develop field

The Government has given approval to Marathon Oil, the subsidiary of USK of the US, for the development of the East Brae gas condensate field at an expected cost of \$650m. The field, 166 miles northwest of Aberdeen, has recoverable reserves of 1.5 trillion cubic feet of gas and more than 200m barrels of condensate, liquids that come out of the gas during production. This makes it one of the larger developments of recent years.

Complaints rise against banks

The retail banks are the source of a "rising tide of complaints" according to the Banking Ombudsman in his annual report.

"Complaints are up by a very substantial amount" said Mr Laurence Shurman, Banking Ombudsman, who received 3,915 complaints from members of the public about banking in the year up to September 30, an increase of 46 per cent on the previous year. The Ombudsman said that "at least 30 per cent" of the 651 cases settled this year had been resolved in favour of the complainant.

Tenure plans announced

The Government has published its long awaited proposals for new legal arrangements for the freehold ownership of flats and other independent buildings with shared facilities.

The new scheme of freehold ownership, known as "commonhold", is similar to "strata title" or "condominium" schemes which already exist in other parts of the world.

Its aim is to provide a satisfactory alternative to the existing long-leasehold arrangements which are generally used at present for flats and similar developments.

London college makes cuts

Queen Mary and Westfield College, a part of the University of London, has been ordered to cut £1.5m from its budget for next year by the universities funding watchdog, the Universities Funding Council.

Mr Graham Zellik, acting principal of QMW, said that if cuts in spending are not made, the college will eventually face bankruptcy. He said the cuts ordered by the UFC had been anticipated by the college, which had ordered some £200,000 in cuts earlier this year. It had also planned an additional package of cuts worth about £1.5m.

NATIONAL INSTITUTE FORECAST

Growth expected to slow in seven biggest economies

By Peter Marshall, Economics Staff

THE world's big seven economies face a marked slowdown next year, although growth will stay high in Germany and Japan, according to the National Institute, the London-based leading think tank. In its quarterly review published yesterday, it says that total output in the big seven will increase by 1.8 per cent next year, compared to 2.4 per cent this year and 3.2 per cent in 1989. Growth is put at 2.4 per cent in 1992. The seven largest economies are US, Japan, Germany, France, Italy, Britain and Canada.

The outlook for the world would be worse but for the buoyant outlook for Japan and

| NATIONAL INSTITUTE REVIEW FORECAST | | | | | | | | | |
|------------------------------------|--------------|---------------|-------|------|--------------|---------------|-----------------|--------------|-----|
| | HOME ECONOMY | | | | | WORLD ECONOMY | | | |
| | Real GDP† | Manu. output† | Jobs† | RTT† | Current Bal‡ | Real GDP† | Constant Price‡ | World Trade‡ | |
| 1989 | 2.5 | 3.6 | 4.4 | 1.7m | 7.8 | -130n | -130n | 3.2 | 4.3 |
| 1990 | 1.3 | 0.9 | 0.5 | 1.8m | 10.3 | -177n | -177n | 2.4 | 4.5 |
| 1991 | 0.8 | 1.1 | -0.4 | 2.1m | 4.9 | -140n | +122n | 1.8 | 5.2 |

†Output constant, % change, year on year. ‡% change, year on year. §UK, mostly unemployed (including school leavers), fourth quarter. ¶% change, fourth quarter on fourth quarter. ¶Year. ¶Fiscal year. ¶Major items. % change, year on year. ¶Value of world trade, % change, year on year.

Germany, the review says. The US and Britain look likely, in contrast, to suffer a relatively prolonged economic slowdown. In the US, total output is likely to grow by just 0.8 per

cent in 1991, compared to 1.1 per cent in 1990 and 2.5 per cent in 1989.

On the other hand, growth in Japan will probably be above 5 per cent this year for

the first time since 1973, a rate of expansion driven by strong domestic demand and high business investment.

The review says the Japanese economy will remain

strong next year, though growth will slow to 3.8 per cent, with inflation showing an increase from 3.2 per cent this year to 4.5 per cent.

In Germany, the aftermath of unification will lead to strong economic expansion, with total growth of 3.8 per cent next year, about the same as in 1989.

The massive extra resources being required by the German economy to meet new consumer demands and spending on industry and transport infrastructure will lead to an increased import bill, the review says.

German import volumes are forecast to grow by about 9 per

cent in both 1990 and 1991. That should add up to 0.5 per cent in world trade and aid the economies of a number of other countries suffering downturns in domestic demand.

Growth in Europe as a whole will be constrained by a rise in real interest rates, stemming from an increase in rates in Germany. In the longer term, this increase should be offset by the openings in business demand in eastern Europe.

The review says its forecasts are hedged by the uncertainties regarding the Gulf crisis. It assumes oil prices will peak at \$35 a barrel in the final three months of 1990, and fall to \$24 a barrel by the end of 1991.

Recession to be short but sharp

By Rachel Johnson, Economics Staff

THE CURRENT UK recession will be a substantial one which intensifies before cuts in interest rates provoke an economic recovery next year, according to the National Institute forecast.

The onset of the downturn was sudden, unexpected and followed a sharp change in business sentiment in the third quarter. However, the institute forecasts a year of better-than-average growth in

1992, contingent on oil prices falling back next year.

Unemployment is set to pass the 2m mark but the pound remains firm within the exchange rate mechanism. This, coupled with high interest rates, improves prospects of a fall in underlying inflation to about 5 per cent by the end of next year.

In the second half of the 1990s, the UK economy gradually converges with other

European economies, making possible economic and monetary union, says the review.

On the fiscal front, public spending is "rising rather fast" and has eliminated the prospective surplus on the public sector financial balance. The balance of payments is predicted to be £14bn in deficit in 1991. Tax increases would prolong the recession; therefore the institute predicts a neutral Budget next spring.

Labour's changes to be 'radical'

By Rachel Johnson, Economics Staff

THE CASE for a Labour government's fresh look at economic policy has been strengthened by the "disappointing" performance of the economy under the Conservatives, the review says.

It pinpoints radical changes the party would make and suggests that a future Labour government take a different approach to managing the economy. But it says that until Labour

wins the credibility of the markets, a larger risk premium would attach to relative interest rates in the UK.

The long-term net result of Labour's policies would be to raise output and employment, having enlarged the capital stock and skills of the labour force, it says.

On Europe, Labour is closer to Brussels than the Tories. It would be greater influenced by political develop-

ments in other countries, such as France.

On exchange rates, the review says that depreciating sterling within the European Monetary System would undermine the system and Labour would be ill-advised to resign.

On unemployment, reducing joblessness appears less of an issue now than fighting inflation. But new training programmes would raise labour productivity.

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FINANCIAL TIMES

BUSINESS LAW

Romania joins investment club

By Daniel Arbess

MAKE WAY for a new entrant in the eastern European competition for US and European investment - Romania, the Balkan nation of 23m and historically (in annual dollar terms) the US's largest trading partner in the region.

After last December's revolution, Romania got off to a slow start in terms of investor interest compared to its northern neighbours in Czechoslovakia, Hungary and Poland. Political instability is said to be the problem.

Although the December revolution successfully dislodged the dictator Ceausescu, observers were troubled by the bloodshed (including the summary execution of Ceausescu himself).

In recent months, the new government, led by Ion Iliescu, has been criticised for its use and threatened use of force to quell public dissent.

The resulting unfavourable press coverage has slowed tourist and business traffic to the capital and chilled technical and financial assistance discussions with the EC and various western countries.

Bucharest, however, says it is committed to democracy and human rights.

As the situation stabilises, aid and trade discussions should resume and western governments will re-consider Most Favoured Nation (MFN) status, along with access to trade finance credits, political risk insurance, and trade and investment protection agreements.

Meanwhile, the Romanians have taken impressive strides toward establishing a legal framework for foreign investment and rapid economic transformation.

For the prospective foreign investor, the centrepieces of this effort are a new decree-law on foreign investment, adopted on 30 March, 1990, a law on the reorganisation of state enterprises adopted on 7 August 1990, and a set of proposed legislative enactments and amendments now pending before the Romanian parliament.

The law on state enterprises features detailed procedures for transforming state enterprises into shareholding companies with government-appointed boards of directors.

Thirty per cent of the shares of these companies will be distributed to the public at a nominal price. The rest will be sold at market value to domestic and foreign investors under the supervision of a newly established National Agency for Privatisation.

The criteria to be applied by the agency in selecting types and percentages of enterprises to be privatised, and valuation techniques, will be established in legislation now being finalised.

The state enterprise law also sets up a mechanism for the leasing of land and other state-owned property.

Such "concessions" will be granted to domestic and foreign investors on the basis of public auctions organised at the request of the ministry of trade and industry. Their maximum term is 20 years.

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There is an automatic exemption on income tax for

cult to find reliable sources of domestic supply.

If the experience in the Soviet Union and other soft currency economies in the region is any indication, surviving suppliers can be expected to take advantage of their own freedom and demand payment in hard currency from joint venture companies.

If a company manages to navigate these pitfalls and turn a profit, the good news is that Romanian tax rates compare favourably with those of neighbouring countries. Profits are taxed at an annual rate of 30 per cent (Czechoslovakia's rate is 40 per cent) after deduction for depreciation and reserve fund contributions (up to 5 per cent of invested capital).

There is an automatic exemption on income tax for

earn and retain foreign currency, and the availability of foreign currency for dividend distribution and remittance.

Romanian companies with foreign capital participation may retain 100 per cent of their foreign currency earnings (the limit for domestic companies is 30 per cent, to be increased to 50 per cent early next year). Surplus foreign exchange can be used to pay dividends to the foreign shareholder.

But what happens if the company has no foreign exchange surplus what can the foreign shareholder do with its Romanian profits? Under the current law an annual amount up to 5 per cent of the foreign shareholder's "invested capital" will be converted to foreign currency by the Romanian Bank for Foreign Trade (RBFT) and may be transferred abroad.

Remaining domestic profits must be used for reinvestment or to buy Romanian goods and services.

Meanwhile, a pending amendment would reportedly provide for total repatriation of lei profits, subject to a 50 per cent levy by the RBFT.

The government also plans to move quickly to make the lei convertible, beginning early next year with periodic devaluations and hard currency auctions which will be open to joint venture companies.

Keep an eye on Romania. With its large and hungry domestic market, access to the Soviet market and apparent commitment to market reforms, it promises to become a significant player in the region's investment and privatisation game.

The author is a lawyer with the American law firm of White & Case.

The good news is that Romanian tax rates compare favourably with those of neighbouring countries

The foreign investment law allows investors to establish joint ventures or 100 per cent owned domestic companies in all but a small number of "strategic" industries.

These companies are to be organised as joint stock or limited liability companies under existing and proposed company laws.

The establishment of a wholly foreign-owned company requires "government" consent, although it is not immediately clear from the legislation which branch or agency.

Joint venture companies can be established with approval of the supervising ministry of the Romanian partner and the ministry of trade and industry.

Romanian officials have indicated that a revision now being prepared will replace these approvals with a simple registration procedure.

Once established, joint ventures are free to operate completely outside the Central Plan (70 per cent of whose "targets" have already been eliminated, according to Romanian officials).

Accordingly, such companies can buy and sell domestically and abroad in the currency of their choice.

But there is a downside here. During the present period of transformation it may be difficult

two years "flowing from the turnover of the taxable income", and the ministry of finance can grant a 50 per cent reduction in the tax for an additional three years if profits are reinvested in Romania.

Dividends are taxed at 10 per cent (compared with 25 per cent in Czechoslovakia). The new Agency for Foreign Investment Promotion is also working on special tax waivers, subsidies and other incentives to attract western capital in particularly important sectors of the economy, including food processing, tourism and telecommunications.

As is always the case for western investors in central and eastern Europe, the make or break factor is likely to be the joint venture's right to

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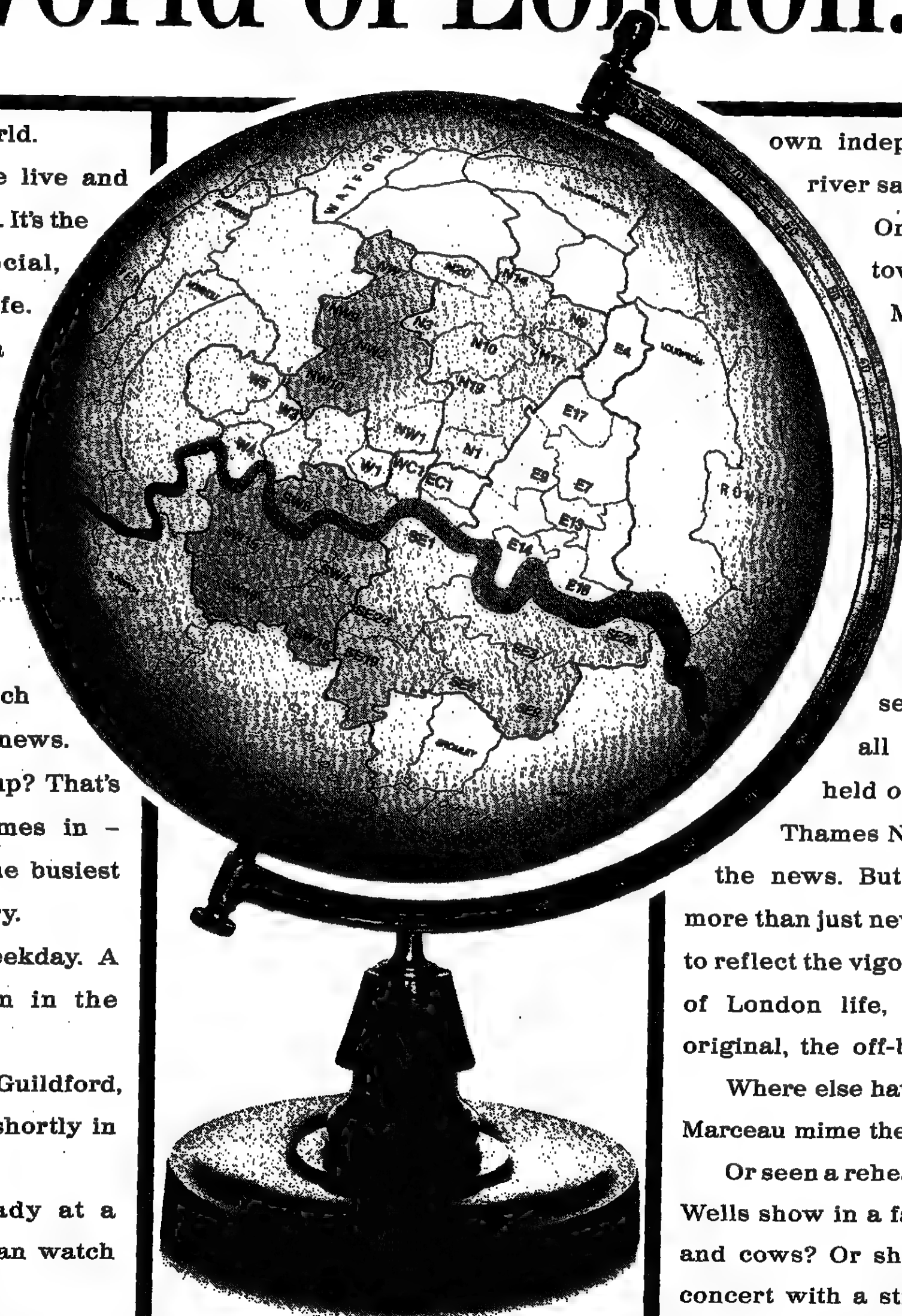
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TECHNOLOGY

Major's message to Japan

AS THE prime ministerial contest accelerated this week, the three candidates vied for the best way of getting their messages across. But in one public outing for the eventual winner, John Major, it was television viewers in Japan who got the first inkling of his views on inflation and the economy.

Opening the European headquarters of Japanese financial giant Nomura in the City of London, Major faced cameras which sent his words to Japan in less than a second after they were uttered. Some 10,000 Nomura employees in 140 locations heard Major joke that it was good to have "something enlightening to do in the midst of an otherwise dull period".

To transmit the pictures to all 140 buildings involved three satellites and a trio of phone companies.

● In London British Telecom transmitted the pictures by microwave to Telecom Tower, from where they were sent to the Goonhilly earth station and then up to a satellite over the Indian Ocean.

● The pictures were then picked up by an earth station in Hong Kong, run by Hong Kong Telecom, which bounced them back to a satellite hovering over the Pacific Ocean.

● From there they were transmitted via KDD, one of Japan's international phone companies, to Nomura's television production centre in Tokyo.

● Nomura then sent the programme via the domestic JCSat satellite to the 140 receiving dishes on the roofs of its buildings around the country.

Although the link from the UK to Japan was a temporary one, Nomura's Japanese business television network provides a regular flow of broadcasts throughout Japan. Other international companies, such as Ford and BP, have set up in-house networks for keeping in touch with employees.

The market for business television is burgeoning as several companies, such as British Aerospace in the UK, enter the market for national or international broadcasts. But it is not cheap: the cost of one-way satellite broadcasts works out at about £1,500 per hour.

Della Bradshaw

What should Royal Dutch-Shell be doing in research? The question has exercised Harry Beckers, research co-ordinator, and his team of senior research managers at Shell International Research Maatschappij (SIRM) for most of the 1980s.

"We won't do research where there is a very low chance of Shell moving into the business sector," says Guy Masdin, an aide of Beckers. The company has learned the hard way - for example, through an expensive flirtation with nuclear power in the mid-1970s - that it should stay out of areas of which it cannot exploit commercially. Beckers also points to Exxon's abortive excursion into electronics.

Nevertheless, the 1990s find Shell scientists heavily engaged in information technology. Beckers believes IT will have an enormous impact not only in its 15 laboratories but throughout Shell's operations, from finding and recovering oil to managing its process plants. One project is to develop a robot endowed with artificial intelligence that will drill for oil, avoiding the need for people on the drilling floor, where 60 per cent of the oil industry's accidents occur.

One of Shell's eight research laboratories, known as KSEPL, at Rijswijk near The Hague, is devoted to exploration and production. Its manager, Jan Doets, is a civil engineer recruited by Beckers two years ago. Beckers then asked him, as part of a strategic plan for research, to look at mathematics and IT from the standpoint of the whole company.

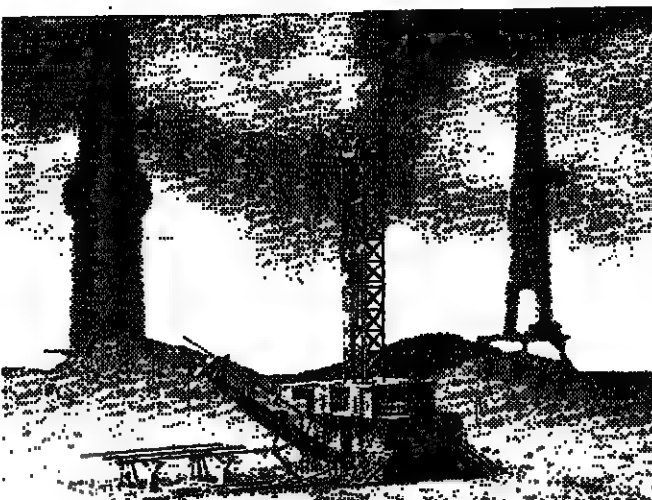
Doets says the KSEPL laboratory has a world lead in some computer techniques for modelling geological strata, such as three-dimensional seismic modelling of oil reservoirs. Quantitative understanding of the behaviour of oil in a basin - how much is coming from the source rock - has only been possible during the last decade, says Bruce Levell, who leads a team of 15 in mathematical modelling.

The oil industry, obliged to turn increasingly to marginal fields, can no longer afford the primitive geological modelling methods of the past, says Mark Budding, who specialises in basin modelling. It must have enough understanding of its resource to know when it can recover more from a field.

His Monarch software is a 3-D seismic model which Shell operating companies have been using for only a few months. But in the North Sea's Brent

David Fishlock examines how Royal Dutch-Shell exploits its R&D activities commercially

Models of discovery



Small-scale version of Shell's automated drilling machine

Field it has begun to pinpoint the pockets of oil that have been left behind. It can also identify such features as an underground river, best avoided when drilling.

The colourful 3-D model can be used at all stages of a field's life - to evaluate the number of wells required, for example, and to manage oil flow. It can be constantly updated. KSEPL has also developed its own workstation for the more effective interpretation of this model, that allows the geologist to organise and present his data efficiently. "It's hi-fi imaging - just a glimpse of the future," one geologist says. It is also attracting great academic interest.

"We're not there yet - there's still a lot of work to make it user-friendly," admits Budding. But he claims it to be a "cultural change" for the geologists, and one that gives Shell a worthwhile lead over other companies, including the software houses specialising in resource modelling.

As the model is further refined it will take account of the oil basin's fine detail - structure, porosity, cracking,

etc. Computer capacity is a limiting factor, even though the laboratory is equipped with a Cray XMP and is spending about £4m a year to expand its computing power.

It has been a major factor in restructuring the biggest of Shell's central laboratories, KSLA in Amsterdam, specialising in chemistry, during the 1980s. The big pilot plants which once dominated this site have given way to fewer, smaller, but automated plants, and widespread use of automated micro-reactors. Results now flow much faster, says Dirk van der Meer, its manager, who says he is reaping the benefit of the investment made by Alan Abbott, his predecessor. More than 1,000 of its 1,400 staff have direct access to electronic mail.

Beckers is constantly reminding his scientists that the £450m Shell spends is a minuscule proportion of the world total on R&D, and they must keep constant watch for relevant results from elsewhere. At KSLA, Richard de Vries is the manager responsible for weighing the relevance of emerging technologies to

Shell and its research programme.

He also helps decide when it is time for the laboratory to push something out to the customers. He is aware of how science can create its own barriers to exploitation by wrapping the emerging technology in an impenetrable jargon.

He has been organising Shell conferences that try to identify and round up the academic experts in an emerging technology for meetings with KSLA staff. He wants the dons as critics, picking holes in the research programme. Other Shell laboratories participate. Shell fosters the belief that technology transfers most efficiently through people and word-of-mouth.

For example, both KSEPL at Rijswijk and Shell's research centre at Sittingbourne participated in one conference which spanned the science of computer-aided molecular modelling, and concluded that "the future of computer graphics in industry and academia is bright and assured".

As manager of eight central research laboratories, Beckers has the unusual freedom of being able to shift whole teams between laboratories and even between countries. A case in point is his smallest but most rapidly growing laboratory at Arnhem in the Netherlands, to which teams from Britain and Amsterdam have recently moved.

Billiton Research Arnhem (BRA) is dedicated to materials - metals, ceramics and blends of the two - and to updating old industries with new knowledge, says Leo Halvers, its new manager after five years in Shell's planning department in London. BRA began life as a works laboratory for tin and lead smelting, and was acquired when Shell bought Billiton, the Dutch metals group, in 1970.

Commercially, Billiton differs from the traditional Shell culture inasmuch as in most metal activities Shell is part of a joint venture in which another firm with its own R&D is the operator. But the factor that is being recognised increasingly by Shell's partners is that through BRA they can access the whole of SIRM, Beckers' R&D empire. Halvers points to the influence Shell's chemical engineering is already having on new ideas for materials refining. "If we play the game well, this laboratory will flourish."

A previous article on Shell's R&D activities appeared on November 22.

Finding an antidote for an industry's poor health

Tim Dickson explains why Europe's biotechnology sector thinks Brussels is giving it an unfair deal

No one denies that biotechnology has developed faster in the United States than in the European Community. But opinions differ sharply as to why it should be so.

Earlier this year, for example, a group of leading biotechnology companies including ICI and Hoechst ruffled feathers in Brussels by accusing the EC authorities of "political hostility" towards the sector. They produced figures purporting to show that new commercial investment in the EC almost dried up in 1989 as biotechnology was the only sector headed for the US.

Now the European Commission in the form of Laurens Jan Brinkhorst, director general of the powerful Environment Directorate, has hit back. In an interview with the FT he insisted that EC regulation "cannot be made the scapegoat for the somewhat slower development of biotechnology in Europe" and cited factors such as greater capital availability, a wider scientific and technological base, and better intellectual property protection which have aided companies in the US.

Describing industry's lobbying campaign as "facile and factually incorrect", Brinkhorst turned the argument on its head to maintain that the "absence of regulation in the past" has been partly responsible for European ills.

Biotechnology is seen as a potentially huge contributor to economic growth and company profits even if the rosy pay-back expectations have been pushed back to the 21st century. Concern, however, has been expressed about the risks which the widespread use or release of genetically modified organisms (GMOs) could pose to human health and the environment in general.

Given the complexity of the issues and the gaps in scientific knowledge, the EC takes the view that a case-by-case examination and an environmental risk assessment are required, both where the release is "contained" (in a scientific laboratory) or "deliberate" (where a new product is being made and marketed).

This is seen in Brussels as all the more urgent where the release is deliberate - since the organisms are designed to survive and replicate in the environment at least for a certain period - but not important for contained releases where there is always a danger that GMOs may escape into the natural environment by mistake, by waste disposal, or by other means.

The object of most of the fuss has been the legislation adopted by the EC earlier this year intended to manage these risks, involving a national approval procedure for contained use operations, and

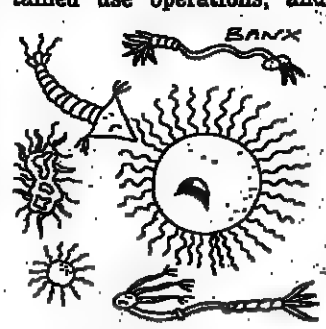
tives were only adopted in April and have yet to come into force. Far from being a step backwards the new legislation provides an EC framework and clarifies the situation in Germany, Denmark and the Netherlands where the release of GMOs were either banned or very difficult. "The EC approach is moderate - between the strict moratorium in some northern member states and the legislative vacuum in some southern countries," he explains.

Contrary to what is claimed, Brinkhorst says, the US has an extensive system of regulation "which focuses on the process of genetic modification as well as on the product, just as we do". The difference between a horizontal EC law and US laws "is not the focus on GMOs nor the methodology or assessment - it is simply an administrative one. They have made special rules for GMO evaluation under existing laws - we made a new law. The result for industry is the same".

The Commission also counters assertions that biotechnology companies are deserting the EC in favour of more sympathetic North American pastures. Taking the number of field tests of GMOs as "one important indicator", he presents a picture of Europe on an almost equal par with the US. The approximate figures up to mid-1989 were US 115, EC 110, and Japan 1.

Brinkhorst further insists that "there is no denying the special safety problems associated with GMOs". He contrasts the current preventative EC approach - "acting before the event rather than afterwards" - with the different philosophy in Brussels when the nuclear industry was getting into its stride.

Brinkhorst says it is up to industry to be more "positive" though he promises that the Commission will try to improve its co-ordination. Promotion of biotech will come from better national and EC research policies, an intellectual property protection system and more availability of capital and incentives for investment.



"I HOPE WE DON'T GET GENETICALLY MODIFIED TO SPEAK WITH AN AMERICAN ACCENT"

Community approval procedures for deliberate releases, the new rules have been vigorously attacked by the industry. Criticism is directed at alleged duplication of testing but the main gripe is that the EC regulatory systems concentrates on the process used for making a biotechnology product rather than on the product itself.

Brinkhorst, a former state secretary for foreign affairs, is at pains to reject all suggestions of EC hostility as well as any mutterings of a divided Commission "house". He says that regulation is only one influence on the development of biotechnology and points out that some industrialists argue it is only "a small part" provided that regulation is predictable, broadly responsible and stable.

Brinkhorst reminds critics that the two "offending" direc-

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CINEMA

Terminal passions

THE SHELTERING SKY
Bernardo BertolucciTHE COMFORT OF STRANGERS
Paul SchraderCOME SEE THE PARADISE
Alan Parker

A cult novel is a fear-some thing. Paul Bowles's *The Sheltering Sky*, the tale of an American couple who bring their wounded marriage to North Africa, has lain in wait for film-makers for 45 years. The book is a strange mixture: part desert melodrama, complete with intrigue, death and seduction; part post-war existentialism. Someone once called it *Camus on a camel*.

Now the novel has reached out from its hiding-place and grabbed film-maker Bernardo Bertolucci. Who better, it is no doubt thought, than the director of *Last Tango in Paris* and *The Last Emperor* for this tale of terminal passion in a photographic land. Coming to Tangier, Port (John Malkovich) and Kit (Debra Winger) throw off their tallow young travel companion (Campbell Scott) early on; then they hit the desert trail, jolting by bus or truck into a pungent inferno of flies, mud, villages, cholera and finally death. In the novel's last chapters Kit the survivor goes on a mind-annihilating sexual assault course with an assortment of Tuareg tribesmen.

The book rises to bizarre heights here, seeking some ultimate rhyme between sex and death. The film, also, goes into a tailspin. Instead of putting us inside Kit's head as she seeks in blind carnal submission a companion oblivion to her husband's, Bertolucci and cameraman Vittorio Storaro exteriorise the story with travel-brochure shots of the desert. In 70-millimetre the Sahara swells and swirls. There are golden flanks of dunes clothed in a drifting chignon of wind-swept sand; there are moonlit oases like pools of molten sil-

ver. We gasp at the visual mastery of Storaro, even as we lose all hold on the inner mystery of Kit.

Indeed the whole film turns into a fight between Bowles's philosophical humanism, lent a passionate sweaty grace by Malkovich and Winger, and Bertolucci's penchant for spectacle-at-any-price. This penchant so blanded out *The Last Emperor* that mercantile Hollywood barely recognising the film's Maori noises, gave it nine Oscars.

The acting is magnificent. Malkovich's Port is a serpentine soul seeking a way into the dark; all but sloughing his worn sun-cracked skin as he travels on, his sibilant, patient voice transforming writer Mark Peopole's dialogue into spoken thoughts. Winger is better still as the anxious, superstitious Kit. Clutching at material things as if to a lifeline - a lover's body, a bowl of soup, a bathos - she writes quiet, fathomless panic into her whole being.

Bertolucci never inhabits the story as convincingly as his stars. He seems caught between Hollywoodising Bowles's novel by playing up plot, spectacle and comic relief (Jill Bennett and Timothy Spall as a flamboyantly odious mother-and-son duo) and "Europeanising" it with avant-garde grace-notes. Bowles himself is required to pop up here and there as observer-narrator, but the cameo is so brief that the device seems at once portentous and perfunctory.

What is left is a infuriating film, full of pieces of greatness that never coalesce. Bertolucci still has his poetic eye. It allows him to create cunningly lyrical camera movements, mixing zoom and track, that chime with the push-pull attraction of the story's search for oblivion; and to develop intriguing leitmotifs, mirroring the book's mood of spiritual vertigo, like the recurring shots of walls and ledges overlooking abysses like voids.

Indeed even as the film perches on the brink of its own unhappy final section, it gives us one unforgettable scene and image. Harrowed by cholera,



Magnificent acting: John Malkovich and Debra Winger in Bertolucci's 'The Sheltering Sky'

Port dies in a white bare room in a Foreign Legion fort, the floor veined with a jagged crack that runs under his pallet and up the wall as if it is passing through the heart itself.

More on the perils of foreign travel in *The Comfort of Strangers*. Director Paul Schrader and screenwriter Harold Pinter turn Ian McEwan's original novel into an even more original movie. In a tale that starts weird and gets weirder, Natasha Richardson and Rupert Everett are the young English couple adrift in Venice and Christopher Walken and Helen Mirren are the older Venetians who offer their palazzo as a home-from-home. Free beds, free food, free talk, and for the privileged guest free death.

It is *The Sheltering Sky* reflected in a bloodstained Venetian hour-glass. Comical, sinister, baroque, the tale glides through atavistic alleys as if through the veins of Venice's own history. Blood-red sunsets tinge Moorish cupolas; black gondolas bow and scrape in the water. And when our two English lovers, unfed late at night, stumble on a white-suited stranger (Walken) who offers wine at his local bar plus conversation and childhood memories, how can they refuse? And how can they resist a second meeting, or a third, when it seems that the stranger is also having a reju-

venating effect from afar on their own love-play?

Pinter's screenplay weaves the horror around his characters like a spider's web. As scripted and acted, Walken's madness is so flagrant that we hardly notice it until it starts to catch the light and brush our faces. (Too many speeches about his domineering father; too many hints from Mirren about his sado-masochistic love play). And Schrader's direction, leading the Armani-dressed elegance of *American Gigolo* up the aisle towards the high Gothic of *Cat People*, has a beautiful macabre precision. He blends Gianni Quaranta's sets and Dante Spinotti's photography to create a Venice cloaked with stylish claustrophobia.

The film has been attacked by many critics from refinement to slaughter in the company of four opaquely written characters, many will feel understandably bemused. But look, listen and feel: this is a film to bring your critical Ultrasound equipment to. Search for the subtle human pulse and movement inside Richardson's nervous humour and Everett's stiff-necked English ironies. (They are a package-tour Port and Kit, bravely trying to turn an Adriatic away-weak into a second honeymoon.)

But no, Parker plonks elegantly past, preferring to bash away generally at the inequities and inequities of Uncle Sam and America's alleged

xenophobia. Sentimentalising every character in sight and stuffing his story with more tearful farewell and reunions per second than any film in memory. Parker clearly believes the way to an audience's political arousal is through his Kleenex consumption.

Best of the rest in an overcrowded week is *The Big Picture* (15, Cannon Tottenham Court Rd): a Tinseltown satire starring Kevin "Flatliners" Bacon as an aspiring film-maker undone by venal producers, epicure agents and damsels in distress. From the man who brought you *This Is Spinal Tap* - writer Christopher Guest, here turned writer-director - a comedy whose cruncky exterior makes up for a softish centre.

Love Hurts (16, Cannon West End) has a soft centre and a pretty sticky exterior. Jeff Daniels mugs valiantly as the about-to-be-divorced yuppie whose sister's wedding inspires lovable family chaos and second marital thoughts. Win some but watchable. Neither adjective applies to *Repossessed* (16, Cannon Haymarket). Here Linda "Exorcist" Blair lends her revolting head and pea-soup-disgorging talent to a diabolical (in all senses) spoof. Writer-director Bob Logan provides the jokes and Leslie "Airplane" Nielsen is among the stars vainly looking for them.

Nigel Andrews

No One Sees the Video

ROYAL COURT THEATRE UPSTAIRS

Martin Crimp is a talented playwright whose characters tend to talk in short single sentences, with the occasional monologue and who are much given to pauses. In the text to his earlier play, *Dealing with Clair*, there is a note saying that "the much overworked indications 'pause', 'slight pause' at cetera have been replaced throughout by a single comma on a separate line. The exact duration of any hiatus must be determined from the context".

Plainly the pauses are almost as important as the words, and the technique is to show that the characters are talking to conceal that their thoughts are limited, or simply to fill up a void.

Dealing with Clair involved people selling a house and feeling guilty both about the asking price and then about reneging on an offer. *No One Sees the Video* centres on market research, in which Crimp once worked. Here, too, there is a vagrant sense of guilt and malice in the background. For market research depends on asking questions, and once you start asking them, there is no telling where they may lead. Besides, however great their initial resistance, people tend on the whole to provide answers.

In putting the questions, however, it is important to distinguish between a "prompt" and a "probe". A prompt is virtually telling someone what to think; a probe is a genuine question. It is also possible to not hook on probes, which essentially is what happens in *No One Sees the Video*. Liz, strikingly played by Celia Imrie, is initially the subject of market research, then becomes a researcher herself. Even when a young man is fingered for having an intent to make love, she notes that he is a C2 manual worker.

The play has some dreadful clichés like: "We all turn into the kind of people we used to despise", and there is considerable harping on the need to fill the void that Crimp seems to

suggest lies behind most people's existence. It is never actually stated that market research is bad or amoral, yet one cannot help thinking that such an assumption is there just beneath the surface. Liz's daughter, Jo, calls it manipulation, though presumably that is what the probe rather than the prompt is meant to avoid. Leaving those reservations aside, the piece has its moments. It is at its best when questions are being asked, such as those put to a rather garrulous girl who responds with questions of her own such as: "Why, whenever you put any money into a chocolate machine, you don't get any chocolate out?" The same girl associates Woman's Weekly with a T registration Ford Cortina.

There are some touching scenes between mother and daughter; the performance by Emer McCourt as the latter beautifully catches the mood of a sometimes sulky, sometimes dreamy adolescent. But in general this is a slight work by someone who has it in him to do much better. It has one of the most inconsequential endings you are likely to see. The direction is by Lindsay Posner.

Malcolm Rutherford



Celia Imrie and Stephen Tompkinson

Sophie! The Last of the Red Hot Mamas

NEW END THEATRE, NWS

So here we are again, back in the doldrums of fame. The spotlight this time belongs to the American vaudevillian Sophie Tucker (1888-1966), louder, louder and larger than would seem possible in the diminutive New End theatre, once the Hampstead mortuary. With several successive biographical shows - and there have been a good few - I wonder if I am alone in breathing a heavy sigh. All too often it is a chance for someone to create a musical without having to bother about the music.

Bernard Kops brings to his portrait of the mass Jewish showgirl a whiff of the sensibility familiar from his other plays, notably his name-making *Hamlet of Stephen Green*, revived at this theatre a couple of years back. Where Tucker was broad, brassy and of the moment, Kops is a sentimentalist who peoples his plays with glads.

His Sophie, though hardly writeable, is a creature of half acknowledged regrets, of identity semi-submerged in the tide of rebirth. Born en route from Russia to the US, she abandoned her child in favour of fame, a lonely old age. The key image, which opens and

shuts the show, is a pool of glitter dust illuminated in a spotlight, and you don't get much more schmaltzy than that.

Eve Ferret brings to the title role an appropriately voluminous presence. Her voice looms rather than soars into all the old favourites, from the high sentiments of "My Yellow Mamma" to the roughish "Never let the same dog bite your twice". This is apt enough, although one suspects her movement, lumpy and played, is unfair to Tucker's memory. Carnality is one thing, but the woman who put herself on giving big girls back their dignity would surely have worked harder on her own.

Her back-up comedy duo of Jon Rummy and Freddie Earle make a point about the Jewishness of American vaudeville humour. It is a nice touch that glads should be forer and smaller than Sophie, but their act, like the whole of Chrys Sal's production, needs to be tighter and slicker if it is to provide even the antepenultimate word on the Red Hot Mama.

Claire Armitstead

White Heat

SADLER'S WELLS

Dan Wagoner is shortly to leave London Contemporary Dance Theatre, of which he has been artistic director for the past two years. His farewell gift to the company is the strong and often stimulating *White Heat* which formed the centre of LCDT's first programme in its autumn season.

The score is Bartók's fourth string quartet, whose tensions have inspired in Wagoner an imagery concerning bodies anxiously traversing the stage's space. William Ivey Long provides a jet-black setting across which a thin white line gradually - oh, so gradually - extends, the dancers in creamy outfits with ballooning trousers, while a contrasting group of four girls are in long dresses.

Movement responds to the nervous energy of the score with action no less taut and hard-driven. Wagoner shows his two conflicting forces moving over the stage in

opposite directions - the argument of the piece is no more than that - but the simplicity of the theme has allowed him to create dances where the interest of dynamics and extending lines of activity fascinates the eye.

It is a "painterly" piece in that, as with an abstract canvas, our attention is held by the swirls and convolutions of the brush strokes, as by the texture of the pigment itself. There are hints and murmurs of more explicit emotional drama, which centre upon the figure of Paul Libard, who often seems separated from his companions.

But *White Heat* is, in essence, an assured piece of plotless dance, magnificently performed by a cast who surge and curve through the movement, by turns pugnacious (the dance is often vehement) or buoyant. The rewards in Jonathan Lunn's *Goes without saying*, which opened Tuesday night's

programme, escape me. Made last year, it proposes what I assume is a duplex apartment - excellent set by Peter Mumford - whose upper room contains a girl having a neat little nervous breakdown with a chamber ensemble in melodious attendance, while downstairs, a group of dancers madly gesticulate. Perhaps that's why the poor girl's nerves are in shreds - she is given to Anglo-Saxon attitudes at a half-open door. It is odd, and oddly uninteresting.

The evening ended with Paul Taylor's *Cloven Kingdom*, looking a little dated now - Taylor has exhaustively mined its "beast in man" vein - but tremendously performed with every sequent fuscious in dynamics. LCDT's artists continue to provide dancing of magnificent power and glossy ease: their style and skills merit every praise.

Clement Crisp

Orfeo

QUEEN ELIZABETH HALL

Ah, those were the days of state subsidy. For the first performance of Luigi Rossi's *Orfeo* in 1647, no expense was spared. The court in Paris saw a grand and glorious presentation, mounted in a hall within the palace that had been specially enlarged for the occasion and with scenery prepared by some 200 men, a six-hour extravaganza of marvels to behold.

The opera had six performances, but has not previously enjoyed any modern revival. William Christie and Les Arts Florissants have determined to change that and *Orfeo* was chosen as the subject for the most important of their three visits to London this autumn. It was heard in concert performance on Tuesday, without sets or costumes, but with the addition of a few winks and nudges in the direction of acting, which would have been better left aside.

As it happens, this is not the only 17th-century opera to

beexhumed this year. At the Glasgow Early Music Festival we had Marazzoli's *La vita humana*, a less crucial work historically, though on the evidence of these two outings a more entertaining one. To what extent that is due to the Marazzoli having been fully staged, it is difficult to say; but *Orfeo* failed to give the same impression that every scene and character had something special to offer.

That its score is the richer of the two is probably not open to doubt. William Christie is fast gaining the reputation of a Midas among early music interpreters, who can touch any phrase and turn it to expressive gold. Under his direction all the music in this House evening (over four hours) had its rewards, especially the many duets and trios, unusual for an opera of this period, that are beautifully written for the voices.

When Les Arts Florissants appeared at Greenwich with

Dido and Aeneas recently, it was the orchestra rather than the singers that was the main source of delight. In *Orfeo*, I would go further and say that the singers fell some way behind what Christie was achieving with his instrumentalists, despite good performances from Agnès Mellon as Orfeo, Sandrine Piau as Ariadne and Jean-Paul Fouchécourt, a marvellously irascible old woman.

Nevertheless, Rossi's work provides one of the formative chapters in the operatic literature and fully deserves a modern evaluation. The rediscovery of 17th-century opera has come a long way. Now we are ready for the next step: the chance to see the operas where they belong, on stage in a theatre of the right size, with all the stage machinery, the ballets and Cupids descending from the heavens. But who will pay?

Richard Fairman

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THE DISTRESSED GENTLEFOLK'S AID ASSOCIATION

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Name Address



ARTS GUIDE

EXHIBITIONS

London

Royal Academy of Arts, Monet in the 90s: The Series Paintings. Burlington House (287 5579).

Paris

Grand Palais, Simon Vouet (1600-1649). Also, Picasso. Closed Tue, late closing Wed. Louvre, Euphrosine, painter and potter in the 6th century BC in Athens. Open from 12pm to 10pm, except Tue (40205166). Galerie hotel Madras, Maîtres Impressionnistes et Modernes, 26, rue Maigron (42261 60 33). Open all days except Sun, Mon mornings and lunchtimes. Musée Marmottan, Goya, Rue Louis Bouilly. Closed Mon (42240 70 22). Galerie Maurice Gumbel, Bernard Buffet - La Bretagne, 8, rue Maigron (42261 60 33). Closed Sun, Mon and lunchtimes.

Musée des Arts Décoratifs, Panoramic wallpaper, 107, Rue de Valenciennes (42261 60 33). Tue. Ends January 21. Habitat et Co. Old European masteries, 137, rue du Fbg. St Honoré (42261 60 33). Closed Mon. Galerie du Carrrousel, 19th century French masters, 11, quai Voltaire (42261 60 33). Closed Mon. Galerie d'Art Saint Honoré, The Magic of French Art, 267, rue Saint-Honoré. Closed Sat, Sun; ends November 30 (42261 60 33).

Brussels

Musée d'Ixelles, L'Impressionisme et le Fauvisme en Belgique. Closed Mon.

November 23-29

Frankfurt

Städel Museum, From Picasso to Max Beckmann and Amedeo Modigliani. Schumannplatz 53.

New York

Metropolitan Museum, Modern art from pre-Columbian handicrafts to modern murals. Museum of Modern Art, High and Low: Modern Art and Popular Culture.

Washington

National Gallery, Anthony Van Dyck masterpieces.

Chicago

Art Institute, Ed Paschke - 47 of the painter's day-glo portraits and landscapes. Chicago Historical Society, A House Divided, America in the Age of Lincoln. Terra Museum of American Art, Winslow Homer in the 1890s, 664 N. Michigan Av.

Tokyo

National Museum, Works to mark the accession of the new emperor. Closed Mon. Hara Museum, Developments and directions in Japanese art.

Milan

Castello Sforzesco, Treasures of ancient Peru.

Venice

Palazzo Grassi, Van Gogh to Picasso - from Kandinsky to Pollock.

SALEROOM

Blake makes top price in manuscript auction

One of the 25 copies of Blake's *Songs of Innocence* in which the plates had been coloured by the poet, sold for £220,000 (at the top of its estimate) at Christie's yesterday. A century ago this slim, seventeen page volume with 31 relief etched plates, went to Sotheby's for £41. Yesterday it was the top price in a manuscript auction which brought in almost £1m in the morning session with 23 per cent unsold.

A Shakespeare first folio, which has great collectable value because in the late 17th century it belonged to another famous dramatist, William Congreve, sold for £104,500, at the bottom of its estimate, to the London dealer Quattrone. Printed in 1623, and with some loss of pages, it carries the signature of Congreve and his comments on several plays, including *As You Like It*. A collection of letters by Philip Larkin to his old school friend Colin Gurner, written over many years in the 1970s and 1980s, sold within forecast at £3,850.

Sotheby's had problems with 19th century pictures which totalled £1.4m in the morning session, but with 36 per cent unsold. The only encouraging note was the presence of Japanese dealers and private buy-

ers, lured in by the lower reserves. Even so the top price of £220,000 paid for a river scene by Corot, was still well under the £300,000 low estimate.

A street scene of Berlin in the 1920s by Max Liebermann went for £93,500 and "The Death" by Alma-Tadema, showing a classical hero naked on his death bed, went just above target at £74,800.

The Chinese market is suffering from the general malaise, with dealers thin on the ground. Sotheby's auction in New York on Tuesday was 36 per cent unsold at \$1.2m (£800,000). Two family collections did rather better, in particular the early Chinese art acquired by one of the leading contemporary Chinese artists, C.C. Wang. The 58 lots brought in \$238,000 (£287,000). The 58 piece Koger collection totalled \$1.9m (£1,955,000), but was 25 per cent unsold. A rare blue and white bowl with the Xuande mark, (dating it to around 1430 when Ming was at its best), selling for \$451,000 (£228,000), at the bottom of its estimate.

Antony Thorncroft

FINANCIAL TIMES

NUMBER ONE SOUTHWARK BRIDGE, LONDON SE1 9HL
Telephone: 071-873 3000 Telex: 922188 Fax: 071-407 5700

Thursday November 29 1990

Last chance
for Gatt talks

MINISTERS gathering in Brussels this weekend for the final meeting of the Uruguay Round of multilateral trade negotiations bear an awesome responsibility. Their choices will make or break the four-year effort to adapt the rules of the trading system to modern-day reality and so determine the fate of the international trading system as a whole.

The Uruguay Round will not solve all problems, but it does offer an opportunity to construct a comprehensive set of rules for trade in the 1990s. Unless the right decisions are taken in Brussels, that opportunity will be lost.

Agreement must be completed by March 1, the date on which the "fast track" authority granted by the US Congress expires. The idea that Congress might be prepared to extend the deadline is wishful thinking. This deadline means that there will be no time left after the meeting in Brussels for anything other than wrapping up the final details. The political decisions needed to complete the Round have to be taken next week.

What is required is a balanced package that would compensate each participant for the political - not, it should be stressed, economic - sacrifices it must make. Developing countries, for example, will agree to new rules on trade in services, on intellectual property rights and on investment only if they obtain increased access to markets for their textiles and farm products.

The package must be balanced, but it will not now fulfil the lofty ambitions laid out in 1986. Nevertheless, the final deal would have to be very unsatisfactory to be worse than no deal at all.

Quiet progress

Quiet progress in Geneva means agreement to liberalise trade in textiles may now require only a modicum of political will. Also essential is an end to the impasse in negotiations on anti-dumping and investment, both of which are central to the international maintenance of competition. But agriculture and - to a lesser extent - services remain the linchpins. If deals can be struck here, the rest should fall easily into place.

The EC must know by now that its offer to cut farm support by 30 per cent is unacceptable to the bulk of its trading partners. It must improve on this offer in three ways. First, it should make binding commitments on specific policies. The US may be going too far when it insists that export subsidies should be cut faster than

domestic supports, but it is right to insist on specific commitments. Second, the EC must abandon the demand for "rebalancing", especially when it offers only modest cuts in overall support. The EC cannot expect agreement to increased protection for oilseeds and corn gluten feed. Third, it should promise to extend its cuts in support from 1996 until the end of the century.

These changes are in the EC's own interest. Mr Helmut Kohl, the German chancellor, has resisted them for reasons of electioneering. But he should look for other ways of providing income support to Bavarian farmers. That would break the Franco-German axis which is doing so much to convince the EC's trading partners that it is, indeed, the fortress they all feared.

US recognition

At the same time, the US must recognise that it cannot have a successful Round while clinging to unilateralism. In particular, a general agreement on trade in services (GATS) can only be obtained on the basis of non-discrimination. Of all countries the US should understand this since it was the principal supporter of the ideal of unconditional non-discrimination in trade policy.

With a more rational approach on the part of the major trading powers, it should still be possible to reach agreement. That agreement would be far from perfect. It would fall short of expectations and leave much to be done in subsequent rounds. Nevertheless, a successful outcome to the Round would be a signal achievement, both for what would be obtained and for what would be prevented.

Success would ensure that, for the first time, internationally agreed rules cover all of world trade. Agriculture and textiles would at last be brought into the General Agreement on Tariffs and Trade. Meanwhile, new arrangements covering services, intellectual property and investment would be agreed. Success would also do much to prevent the rapid escalation of trade disputes and, quite probably, the progressive erosion of already agreed rules. It would, in short, prevent a return to the laws of the jungle.

It is conceivable that such gains might be sacrificed and such risks run for the sake of a few more points in the EC and grasping service providers in the US. That thought is unthinkable. It is up to the leaders of the world's major trading powers to ensure that it remains unthinkable.

Not bad for
day one

BRITAIN'S new prime minister, Mr John Major, has made a promising start in his first 24 hours in office. Taken together, the senior cabinet appointments announced yesterday evening confirm that it is his intention to unite the party while at the same time building a team of sufficient competence and attractiveness to win the next general election. He has set about fulfilling this aim with some skill: the net result is a government that should help to dispel the myth that he is a mere captive of his predecessor's more devoted followers. While the stewardship of the economic departments has not greatly changed, it is self-evidently an administration of his own making.

The most ecumenical of the appointments is that of Mr Michael Heseltine as the new secretary for the environment. This is a clear signal to Tory party workers that the internecine strife that may have been set off by campaigns to deselect Mr Heseltine's erstwhile supporters is not acceptable to the new leader of the party. It also puts a formidable figure, the man whose challenge brought Mrs Thatcher down, on the spot. For it is Mr Heseltine's new department that will have primary responsibility for reviewing the poll tax. His long-standing opposition to this absurd impost is widely known. He has had four years in the political wilderness to think about it. Provided that he comes up with a viable alternative, his appointment should please the voters.

Delicate appointment

The most delicate appointment is that of Mr Norman Lamont as chancellor of the exchequer. Mr Lamont's rise to prominence has been as spectacular as that of Mr Major himself. The new chancellor was made chief secretary to the treasury and thus a member of the cabinet only last

Party chairman

The most imaginative appointment is that of Mr Christopher Patten as chairman of the party. Mr Patten is the soft and progressive face of the Tories; he is associated with a strong streak of environmentalism that should appeal to the young. His inevitably frequent appearances on TV from now on should prove of greater assistance to the party in the run-up to the general election than were those of Mr Kenneth Baker. As home secretary, the latter's task will be to propel the criminal justice legislation initiated by Mr Hurd and improved by Mr Waddington through the commons. He need not adopt a high profile in doing so.

Mr Major's other rival in the leadership contest, Mr Douglas Hurd, remains in place as foreign secretary, as do a number of other ministers. This has limited the extent of the reshuffle. None the less, the prime minister has succeeded in changing the look of the cabinet; he will move to the middle and junior-ranking appointments today.

John Thornhill on a complex and controversial merger which will create Europe's third-largest paper group

Paper chase:
the quest for
optimum size

Mr Stephen Walls, the sprightly chairman and chief executive of Wiggins Teape Appleton, the largest UK-owned paper company, is a man more bid against than bidding.

As the former finance director of Chesebrough-Pond's, the US toiletries group which was taken over by Unilever in 1986, and the former managing director of Plessey, the electronics company which was dismantled by General Electric Company and Siemens last year, Mr Walls knows what it is like to be on the receiving end of a takeover bid.

When WTA was demerged from BAT Industries and floated on the London stock market this June, many industry observers said it would not be long before Mr Walls would be in a similar position again.

Despite joining the FTSE 100 all share index with a market value approaching £1bn, WTA was too small to survive, they said, and was bound to fall victim to one of the Scandinavian or North American giants that dominate the world paper industry.

But five months later, Mr Walls started the industry with a complicated merger deal with Arjomari, the French paper maker, which was overwhelmingly approved yesterday by WTA's shareholders.

Arjomari's investors also gave their assent on December 31, but will increase WTA's size but will indirectly hand a 39 per cent controlling interest in the company to Worms et Cie, the French financial group.

The new group will become the third-largest paper company in Europe with combined sales of about £2.6bn. It will also emerge as the dominant player in the merchandising and distribution segment of the industry.

Although there have been suggestions that the deal is motivated by a wish to prevent WTA being taken over, Mr Walls argues vehemently that its purpose is rather to ensure its survival as a viable paper company.

He says that in order to make satisfactory returns for its shareholders, WTA had, from the outset, been compelled to consider increasing its size and that the proposed merger with Arjomari represents an outstanding opportunity to achieve this goal.

WTA's desire to expand certainly mirrors developments in the past few years. The European paper industry has been swept by a wave of mergers and acquisitions as companies have attempted to bolster their financial strength and broaden product ranges and markets.

Earlier this year, Svenska Cellulosa (SCA), the Swedish pulp, paper and packaging group, completed a £1.05bn takeover of Reedpack, the UK paper and packaging company. This was preceded by a burst of acquisition activity which saw SCA's Swedish rival, buy Feldmühle Nobel of Germany for DM4bn (£1.4bn); Kymmene, of Finland, purchase Chappelle Darblay for FF1.3bn (£135m); and Fletcher Challenge, of New Zealand, acquire UK Paper for £238m.

International Paper, the US group, has been investing heavily in Europe through acquisitions. In 1989 IP bought Ausseid-Rey, the French paper company, for about \$325m and acquired the Ilford photographic products division of Ciba-Geigy. It later bought a majority stake in Zanders Feinpapier, the German paper company.

Mr Walls concedes that "there is some element of control associated with a 39 per cent shareholder". However, he insists that its management will be independent, and that he and his colleagues have gone to "extraordinary lengths" to safeguard other investors' interests.

The merged company will be headquartered in London and managed by a team headed by Mr Walls, with Mr Pierre Dufoin, currently president of Arjomari, as his deputy. The finance director will be Mr Tony Isaac, also from WTA.

The board will be "well-balanced". Mr Walls says. Chaired by Mr "Cob" Stenham, a former finance director of Unilever, six of its 11 members will be British. Mr Walls also stresses that Worms' overriding interest is in maximising the returns on its investment. If Worms decided to increase its stake, the terms of the agreement with WTA would virtually oblige it to bid for the entire company, he says.

Equally, he says, though Worms has supported its other investments over the long term, it would not rule out selling its WTA/Arjomari stake eventually at the right price. "Worms' motivation would be very definitely to sell to the highest bidder," he says.

It is outside shareholders in Arjomari - the larger ones include several French unit trusts - who would seem to have the most grounds for complaint. They are due to vote on the deal on December 21.

Not only has the company's share price fallen 13 per cent since the deal was announced, but the most striking because AGF opposed the price at which Pechelbronn sought to buy out outside shareholders last year when it turned itself into a société en commandite par actions. This is a form of limited partnership which keeps predators at bay by making it almost impossible for shareholders to sack the management.

Some ascribe French investors' acquiescence in the deal to an enlightened long-term view. But others blame it on ignorance. "People who invest in these 'casade' companies do not understand what they are doing. If they lost out, it's their own fault," says one Paris stockbroker.

But once the financial details are settled, can the merger be made to work? Sceptics point to the unhappy record of CMB, the industry's only other example of Franco-British co-operation. A packaging joint venture between Carnaud and Metal Box, CMB, has been rocked by management upheavals since it was formed in 1988.

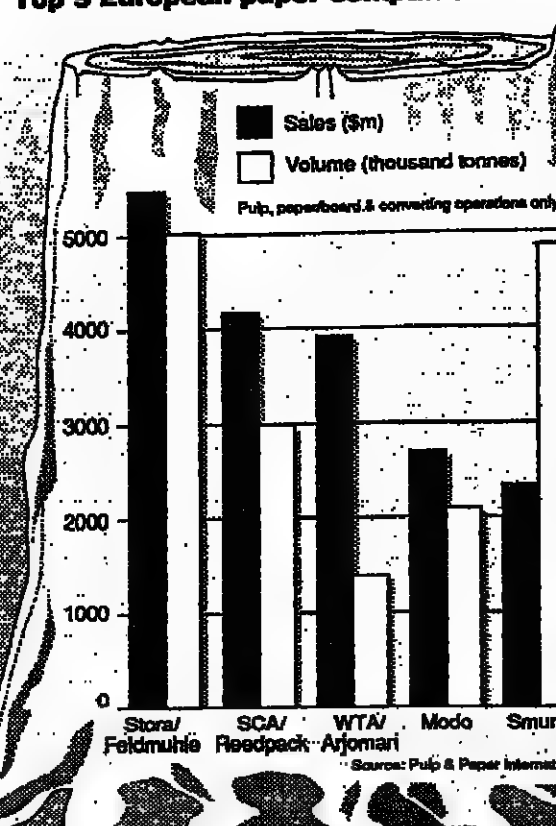
Mr Walls rejects the comparison. He says the WTA/Arjomari merger has been assembled much less hastily than CMB, and that its businesses will prove easier to integrate.

He says WTA and Arjomari share the same strategic objectives and management philosophy, combining a large degree of autonomy for their operating divisions with strong financial controls. The financial systems recently introduced at WTA will be extended to the merged group.

"In many ways this is a pioneering transaction," Walls says. "There may be precedents, but I haven't come up with one... It's a trailblazer."

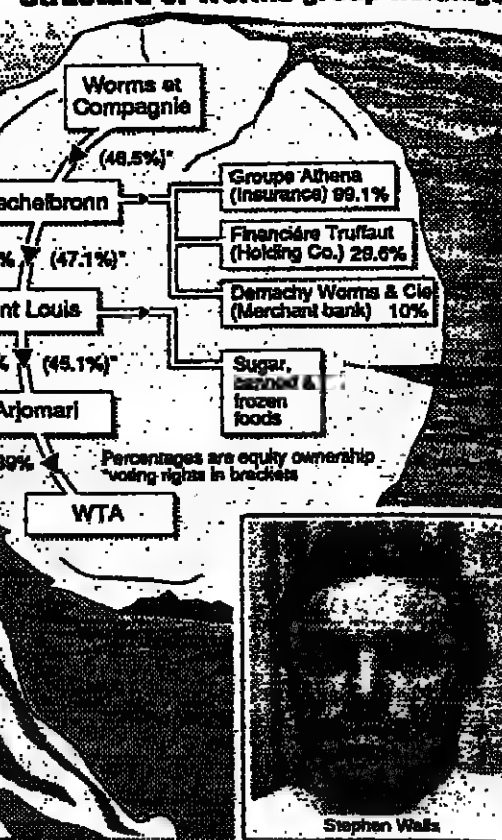
Other research by Will Dawkins.

Top 5 European paper companies 1989



Source: Pulp & Paper International

Structure of Worms group holdings



The chief factor driving these deals has been the need for companies to become big enough to be competitive. The cost of investment can be enormous - capital expenditure on a new pulp mill can amount to \$1bn - and those companies that have the financial strength to spend such sums enjoy greater economies of scale than their smaller rivals.

Advantages of size also accrue in terms of market penetration and geographical spread as paper companies have been increasingly keen to protect their activities globally to protect them from downturns in particular regional markets. According to Mr Bo Wergens, head of the Swedish Pulp and Paper Association, "in the 1990s we shall most probably see more competition from other continents. Every market will open up and national boundaries will be torn down."

"In this industry it is most important to be financially strong and it is hard for middle-size or small companies to succeed in the necessary restructuring and in setting up new factories and new machines," he says.

The rationale for the WTA/Arjomari merger is not to gain economies of scale in manufacturing - there is unlikely to be significant rationalisation among the new group's mills - but rather to obtain greater strength in the market. Unlike most of the big Scandinavian and North American producers, which make commodity grades, such as newsprint, in an integrated operation from pulp to finished paper, WTA and Arjomari specialise in higher added value products. Most of their mills are non-integrated; they buy pulp on the open market. Indeed, WTA is in the process of selling its interest in a pulp mill in Portugal.

Wiggins Teape Appleton, with a production capacity of 800,000 tonnes a year, is the highest producer of carbonless paper in Europe and the US and is a sizeable player in water-marked business stationery and the thermal papers markets. Arjomari, which has a production capacity of 620,000 tonnes, is a leading producer of coated and fine papers as well as technical and industrial papers.

The extent of the value-added

nature of the two companies' paper products is demonstrated by the price. The average selling price for papers in Europe last year was \$513 a tonne compared with \$1,242 a tonne for WTA and \$1,118 for Arjomari.

But just as important as producing these high-value-added products is the ability to distribute them. The merged group will derive about 40 per cent of its business from merchandising and distribution, giving it a 17 per cent share of the \$6bn EC market. Stora-Feldmühle will be the second highest player with a 10 per cent share.

Mr Walls believes that this will give the group a big advantage in gaining access to markets. "Most of the other major players in Europe are going to feel very uncomfortable about this deal," he says.

But the Scandinavians, at least, are relaxed. Asked if the WTA/Arjomari merger would pose a threat to the Scandinavian paper companies, Mr Wergens of the Swedish Pulp and Paper Association, said: "I hope so. That is what competition is all about. We shall have to improve as well."

Capitalism, French-style

Guy de Jonquières on the merger's unusual structure

at the new group to suit its interests.

Mr Walls concedes that "there is some element of control associated with a 39 per cent shareholder". However, he insists that its management will be independent, and that he and his colleagues have gone to "extraordinary lengths" to safeguard other investors' interests.

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Other research by Will Dawkins.

Honoured
in absence

Now even triple-ulcer executives are commonplace.

The acme of conspicuous pressure of work must be being too busy to collect one's Nobel Peace Prize. President Gorbachev, whose absence from the award ceremony on December 10 was confirmed by the Nobel Institute in Oslo yesterday, is the eighth winner since the Second World War not to be honoured in the flesh.

Of the rest, three had no say in the matter. Lech Walesa in 1983 and Andrei Sakharov in 1985 were too much busy as otherwise engaged. UN secretary-general Dag Hammarskjöld died between the announcement of the award and the ceremony in 1961.

The remaining posthumous absentees are President Sadat of Egypt in 1978 (his joint-laureate Menachem Begin arrived), Henry Kissinger in 1973, the missionary doctor Albert Schweitzer in 1952, American peaceworker Emily Greenbalch in 1948, and US statesman Cordell Hull the year before.

Winners who miss the ceremony are not exempted from delivering their prize lecture, which they are supposed to give in person within six months. But only two have done so - Greenbalch and Schweitzer - and even they were late, both delaying until two years after receiving their award.

Gorbachev may prove more difficult. Although the institute has refused his request to have the award ceremony postponed until May, it hopes he will turn up then to lecture.

Smurfit poser

■ Much head-scratching is going on in Dublin about why, Michael Smurfit, head of the Jefferson Smurfit paper and packaging empire, has decided to become involved in Brent Walker.

Let no-one be misled into thinking that the late 1980s were a few years of nasty medicine which could now be forgotten. He warned his audience of 1,500 businesspeople and spouses crammed into the Great Room of the Grosvenor House Hotel. People must

OBSERVER

One of Ireland's canniest businessmen, he is not known for risk-taking. Buying about 26 per cent of a £100m bond issue designed to rescue Brent Walker from the financial mire seems, on the face of it, to go against the Smurfit way of doing things.

He always said he would stick to the paper-box business, but in recent months has been diversifying into leisure in a big way. Two of his projects representing around \$20m investment are a luxury country club outside Dublin (membership fee about 100,000 Irish pounds), and an executive fitness centre adjacent to group HQ in the city.

His company says it wants to develop further leisure interests in Ireland with Brent Walker. Some Dublin analysts, however, feel Smurfit could turn predator and snap up some of Brent's more valuable UK assets.

No one doubts Smurfit's financial clout. The company is by far the biggest outfit on the Dublin stock exchange, accounting for about 20 per cent of the total market.

Michael Smurfit, who owns about 5 per cent of the company, is also chairman of Telecom Eireann, the Irish phone service, keeps race horses and is head of the Irish Racing Board. In his spare time he doubles as Irish Honorary Consul in Monaco.

Outclassed

■ Kenneth Clarke, Britain's education secretary, was in fighting form at the Institute of Directors' annual dinner.

Let no-one be misled into thinking that the late 1980s were a few years of nasty medicine which could now be forgotten. He warned his audience of 1,500 businesspeople and spouses crammed into the Great Room of the Grosvenor House Hotel. People must



retain their ability to earn money, create jobs and wealth. Fairly recently promoted from the health department, the education secretary also treated his audience to a brisk run-down of government policy on matters such as the national curriculum and vocational training. "Too many of our young people cease education at the age of 16 and try to take up work when they are ill-prepared and ill-trained for today's jobs," he declared.

Perhaps Clarke, a Cambridge graduate who supported Douglas Hurd for the Tory leadership, was reflecting that one of those "too many" had just become UK prime minister.

Sundowner

■ Meanwhile, John Major's elevation to the premiership was a cause of a special celebration in a pub in the small New Zealand town of Taupo.

Pensioner Fred Howes bought his mates a round of jugs of beer to drink to the new PM. Howes is the uncle of

Norma Major, and was delighted his nephew-in-law had done so well.

After recalling how he dined with the Majors during a visit to Britain some years ago, he proposed a toast to the acclaim of his fellow drinkers. It was: "To the British Empire."

Divided still

■ East-west prejudices continue to prevail over united nationalism in Germany, to judge from a couple of flights with Lufthansa.

On the Airbus from Berlin to New York, a map of Europe repeatedly flashed on cabin tvs showed the country still split in twain by a heavily drawn border. None of the German passengers seemed to notice, let alone take offence.

Asked about the error, a surprised stewardess smilingly replied that the computer had apparently not yet grasped the new situation. The oversight seemed the more remarkable because Lufthansa chief Heinz Ruhnau was a leading force in getting the state-owned airline back to serving reunified Berlin last month, after a 45 year absence.

Another incident soon before landing at east Berlin's Schönefeld airport on the return flight, reflected a widespread bias among west Germans. A businessman was overheard telling a colleague about how lazy the east Germans had become under socialism. He'd been goaded into rebuking one slothful east Berliner by asking him whether he had wanted unification.

Ironically, the complaint appeared justified when, after the landing, a red-faced Lufthansa employee apologised for the airport's delay in returning passengers' baggage.

Verdict

■ What is the difference between a lawyer and a rat, both lying dead on the road? There are skid marks in front of the rat.

THE BIG-
GER THE
BANK, THE
SMALLER
THE PER-
CENTAGE
OF OUT-
STANDING
PEOPLE.

Schröder Münchenver Hengst & Co.

Frankfurt - Hamburg - Berlin - Düsseldorf - München - Offenbach

ECONOMIC VIEWPOINT

Major faces slump with silver lining

By Samuel Brittan

Mr John Major got off to a flying start as prime minister by replacing Mr Bernard Ingham as press secretary with Mr Gus O'Donnell who was with him at the Treasury. O'Donnell is what some people would regard as a contradiction in terms - a civilised economist. What was the most dubious aspect of the Thatcher regime could become one of the best aspects of the Major one. At least I shall no longer have to urge members of the Chicago futures markets to read The Sun newspaper to understand the governance of Britain.

The prime minister will, however, know full well about the changes in the economy since when he last pronounced on it as chancellor. He conceded when he introduced the Autumn Statement on November 8 that the UK might be in recession. He will soon discover that it is the second most severe recession since the second world war, which some people will want to call a slump. Just as the mainstream forecasters wildly underestimate the the slump, they have done the same with the recovery. The best assessments, such as those of the Confederation of British Industry, are based

The sharper than expected recession may be the best thing that could have happened to the British economy

on what is actually happening. The CBI November monthly industrial trends survey shows the balance of respondents expecting a fall in the volume of output as the highest for a decade. At 20 per cent it is not yet as bad as in the 1981 slump, when it reached 41 per cent. But the bottom is not yet in sight.

The CBI's own forecasts show a fall of 1 per cent in real Gross Domestic Product in 1991. By the second quarter of 1991 - the forecast low point - the CBI expects real GDP down by 2.2 per cent on a year before. Manufacturing is expected to fall by 4.5 per cent. As the last few trade figures have demonstrated, export growth has slowed (although not as much as import growth) and the CBI survey suggests that there is worse to come on this front.

The sharper than expected recession may be the best thing that could have happened to the British economy. With the modest slowdown foreseen by the mainstream forecasters, inflationary pres-

ures would have persisted; and policy might have had to be tightened further after the election. Now, however, as Guyon Davies of Goldman Sachs points out, there is a very good chance of the headline inflation rate falling to 5% per cent by the end of 1991 and 4 per cent in the course of 1992. The more important indicator of unit labour costs should also be halved by 1992. Already the engineering unions have called off their campaign for shorter hours to preserve jobs. This surely augurs some underlying improvement in the labour market. For in previous recessions the knee-jerk union response would have been just the opposite.

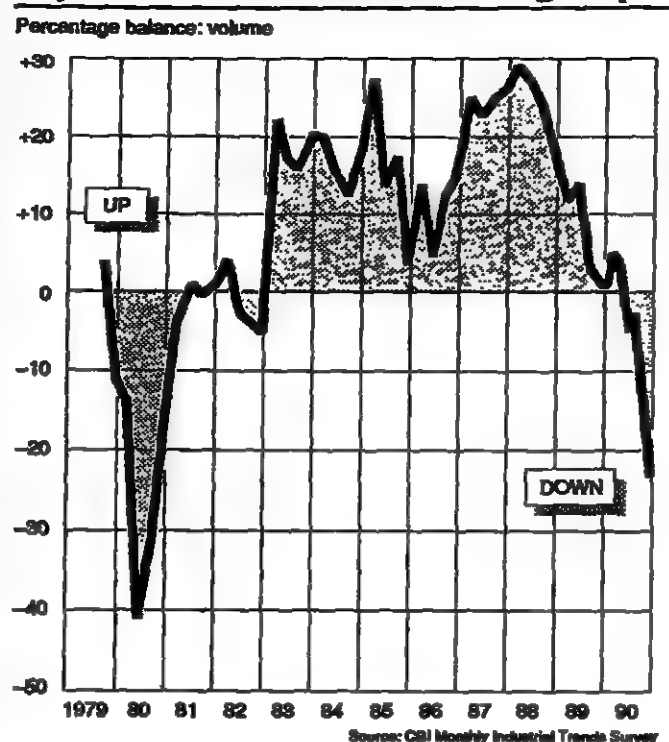
Even this anti-inflationary silver lining will however be suspended in the likely event of a Gulf war, which will intensify both recession and inflation worldwide. Any slight residual gain for sterling as a petrocurrency will be more than offset for the UK by the resulting deterioration in the world conjuncture.

A sharp UK downturn cannot, however, be followed by an equally sharp recovery. For the margin of slack needs to be higher than in recent years. The severity of the recession does at least mean that output growth can afterwards be allowed to return to its trend rate - put by the Treasury at 2% per cent per annum for non-oil GDP. (The ICI chairman, Sir Denis Henderson, may thus be too gloomy about the post-recession outlook.) But if the mainstream forecasters had been right, we would have looked forward to a long period of sluggish growth with policy having to lean towards restriction most of the time.

In any case, unemployment will be replacing inflation as the number one headline UK problem. Those who see a simple correlation between government popularity and the mortgage rate will be in for a shock, as unemployment climbs to 2m-2.5m.

An early reduction in base rates to 12 per cent is built into the structure of rates. Further

Expected trend of manufacturing output



moves - which could be in either direction - will, however, be determined by events in the Gulf and the behaviour of sterling within its ERM band. UK influence in Europe will be increased if the margin around its central rate can be credibly narrowed from 6 to the nominal 2% per cent by or before the next Budget. So will the scope for interest rate cuts. Action to add credibility to ERM membership will be more important than the exact nuances of the British government's position at the intergovernmental Conference on Monetary Union this December.

Another looming problem is the impact of German reunification on ERM parities. The absorption of the former German Democratic Republic could turn out to be a rare

example of a textbook real shock which justifies a parity change. The shock comes from the need of Germany to run down its export surplus to free resources for reconstruction in the east, and to do so without letting inflation rise to more than 3 to 5 per cent per annum at its temporary peak.

It would be better if the switch were brought about by some combination of higher German savings and taxation and near-zero inflation among the country's trading partners. The latter would provide for a real DM revaluation without changing nominal parities.

But it is not too early for contingency plans to minimise the setbacks to European monetary stability arising from a realignment. The one convincing approach would be to make

it clearly the last realignment before monetary union itself, which would be announced on an early date, say, 1994-95.

Not everyone will be able to take part so early. The change of UK premiership offers a chance to accept a two-speed Europe in a friendly, non-alarmist way. There need be nothing hostile in the Schengen group of Germany, France and the Benelux countries (with or without Denmark and Ireland) going ahead, while leaving the door open for others to join as soon as they can.

The dollar is another smouldering problem. Already, its weakness is posing inflationary problems to the US; and three members of the Fed Open Market Committee voted against the easing of US monetary policy in the last published minutes. There is a growing need to reinstate Group of Seven surveillance of world demand and exchange rate movements, with more emphasis on domestic monetary adjustments and less on intervention than at the time of the Plaza and Louvre accords in 1985-87.

These are, however, comfortable problems, compared with those arising almost immediately from the Gulf. So far, the oil markets have been slow to discount the imminence of a showdown. But Sheikh Yamani's Centre for Global Energy Studies envisages the oil price averaging more than \$70 per barrel in the first quarter of 1991 in the context of a "short destructive war". The centre believes that the oil price could peak at \$100.

There are, of course, many other possibilities. Saddam could back down before the proposed January 15 ultimatum. The US and its allies could wake up to the need to use their strategic oil stocks to stabilise the market; and even the Yamani war scenario shows the oil price back below \$30 by the end of 1991. But it is not the worst that could happen. Wars rarely turn out as envisaged and this one could be destructive but not short. Or the settlement could be partial and messy. Most of the macro-economic projections seem to me to play down the risks to the world economy.

In cold-blooded economic terms, a shooting war in the Gulf will sharpen the V-shape of the present recession, making it deeper but also producing a rise in measured inflation, both worldwide and in the UK. At the same time, it will steepen the subsequent recovery and make the eventual drop in the headline inflation rate all the more sensational. None of this will console the wounded and the families of the dead.

BOOK REVIEW

A small-screen view of a communications genius

IN ALL HIS GLORY: THE LIFE OF WILLIAM S PALEY
By Sally Bedell Smith
Simon & Schuster \$29.95

interviews with some 275 people, she has ended up stripping away so much myth that poor old Paley is left with his trousers round his ankles.

No doubt Paley was petty, domineering, egocentric and selfish. He was also adept at exaggerating his own role in CBS's success, to the exclusion of other important executives. But Paley was also a visionary, someone who could not only survive in the volatile world of broadcasting but shape it. As David Halberstam remarked in *The Powers That Be*, his mas-



William Paley: network giant

terly book on the American media, written in 1975, Paley "had almost perfect pitch in terms of entertainment". Paley was a man of immense energy, someone who could pursue *The Deal* as relentlessly as he could pursue *The Skirt* (something which he managed well into his eighties, according to the author). He would wear people down with his persistence and charm. He wanted to be number one, forever. The scene which best captures Paley is when he made a dramatic entry to a CBS board meeting in April 1987 in his wheelchair, one hand clapping the black cane known as Arnold after the silver dog's head on top. "His will," whispered one CBS director to another, "is the only one that reads, 'I die'."

Paley also had a good feel for journalism, despite some carping by Bedell Smith about his tendency to meddle and offer

opinions on who would make the best anchor. The truth is that Paley intervened remarkably little in the presentation of the news - compared, say, with the likes of William Randolph Hearst. More than most, Paley was acutely sensitive to the power of television in its ability to reach a mass audience in the US.

The author describes in wide-eyed fashion Ed Murrow's attack in March 1954 on the communist-baiting Senator Joe McCarthy as "all-out advocacy journalism" which was enormously effective. But she fails to spot - as Paley most certainly did - how this sense of power could encourage journalists to cross the line between news and comment and advocacy. Over time this tendency led to the debacle of the 1962 documentary about General William C Westmoreland and his role in the Vietnam war, which ended in a damaging libel suit and terrible publicity for CBS. The whole story receives a paltry paragraph.

The best parts of this biography come when the author establishes a connection between Paley's dynamism and his creativity. He was endlessly inquisitive, particularly at the beginning of his career in the 1930s and 1940s when he built up his radio network and shared his life with the elegant and erudite Dorothy Paley Hirsch. It was Dorothy who introduced the young, self-consciously Jewish boy to politics, news, fine art and style.

His next partner, Barbara (Babe) Cushing, defined beauty and style for more than 20 years in the US. Babe was best described by Truman Capote, her long-time socialite friend: "Mrs P had only one fault: she was perfect; otherwise she was perfect."

Paley's restless drive to be the best, to remain independent, stands in contrast to the spirit of the 1980s and 1990s when much of corporate America (including CBS) has either succumbed to corporate raiders at home or foreign purchasers abroad. Only this week, Matsushita agreed to pay \$6bn for MCA. Paley would have stood his ground; without his relentless pursuit of excellence and innovation the US is a lot poorer.

Lionel Barber

LETTERS

Competition is the key to success

From Mr. Frantisek Nepil.
Sir, I respect Mr Allen Sykes' ("Bigger carrots and sticks", October 31), first-hand experience of underperformance of English speaking countries' corporate governance. He claims the reasons are inefficiency of control and insufficient motivation of directors.

His solutions, however, are not practical. To motivate directors by giving them, every seven years, 5 per cent of equity, would transfer within a century half of all equity capital into their hands. The penalty which he suggests for underachievement is nowhere comparable to this reward.

On the principle that everyone should be rewarded in proportion to the work he does, these directors must surely be supermen. Or is it more that they are in privileged monopoly positions, which they use to extract more and more for themselves?

Are there not different groups of people who, over the last century, have contributed more than business directors have? What about scientists? Since much of our present prosperity can be traced to their achievements, why should they not be as well rewarded?

Surely what is needed is to expose managers' positions to more competition. Give more power to shareholders to change ineffective management, and let every management contract be won in a periodic open contest. Then the reward of managements for achievement could be safely left in the hands of shareholders, where it properly belongs.

More competition would also improve the performance of investment institutions. This could be achieved by giving the same tax and legal treatment to every type of saving.

At present, companies contribute to individual pension

saving schemes at a lower level than into company pension funds; individuals pay CGT and other taxes on savings while institutions do not; the pension transfer values are calculated to secure minimal future benefits and with no regard to the increase in the pension fund surplus while the individual was its member, nor to the contributions made over time on the transferee's behalf.

Also, all savings - and especially pensions - should be made readily portable. Then the institutions could sell their wares only on the strength of their performance. They would quickly develop the expertise to control companies and stop churning clients' investments.

Finally Mr Sykes suggests that funds could be cheaper for companies if banks became dominant shareholders. The implication is that what a bank loses on loan interest it would recoup on increased value of its shareholdings. This argument forgets that banks have to compete for their funds in the retail markets. Any bank that would not engage in subsidising shareholders by lower interest would have a better chance to attract funds because it could offer higher interest on its deposits. Therefore banks cannot engage long term in subsidising one type of finance at the expense of other types and have to judge every proposition on its merits.

The explanation why there is a differential in the cost of funds between the English speaking countries and continental should be sought elsewhere. The places to look are primarily the government anti-inflation policies, its deficit financing, the tax structure, the size of the state debt, the overall tax take and people's saving habits.

Frantisek Nepil,
Flat 2,
33 Cleveland Square, W2

Jobless adults remain a forgotten underclass

From Mark Corney.

Sir, It is a travesty for the Chancellor to suggest that this Autumn Statement is directed at helping the most vulnerable in society when public resources for unemployed people have been so savagely cut back. Once again, a secretary of state for employment has mortgaged Britain's training future and capitulated to the Treasury. And yet again, it is Britain's long-term unemployed people who must take the full brunt of the government's spending policies.

We should not underestimate the significance of this spending settlement. A coach and horses has been driven through the basic tenet which has held Tory training policy together for a decade. The government has repeatedly said the role of the state is to train unemployed people, and the role of employers is to train existing workers. This is no

longer the case. The "cash for flexibility" deal struck between the Training and Enterprise Councils and Michael Howard leaves unemployed people in limbo, and a TEC unsure of its role.

However, this should not detract from the real issue. The government is taking a political gamble. It is reasonably confident it can win a fourth term with unemployment hovering around 2m without providing resources to do anything about it. The extra money for YT is little more than an empty gesture. Never again will this government entertain the possibility of a large number of Britain's unemployed youth rioting on our cities' streets.

Meanwhile, Britain's long-term unemployed adults remain a forgotten underclass. Mark Corney,
Campaign for Work, Annexe B,
Tottenham Town Hall.

Heathrow idea up in the clouds

From Humphrey Wine.

Sir, Mr A.J. Lucking ("Forget Stansted: Heathrow is the key", November 24) proposes an increase in aircraft movements at Heathrow to serve "the businessmen who earn the money to pay for our holiday travel". Using a narrow view of profit and loss, which is itself doubtful, he ignores the environmental impact of this

proposal and the lack of transport infrastructure to support additional passenger movements. As for a new runway between the M4 and the A4, what about the people who live there? Or will Mr Lucking and his fellow businessmen pay for them to take a long holiday? Humphrey Wine,
33 Christchurch Road,
East Sheen, SW14

Too little lip will set you right

From T. W. Ray.

Sir, Further to your observation ("Observer, November 27) concerning the lack of lips of the candidates for the Conser-

vative party leadership, I would advise you that over the past 20 years I have observed that the majority of successful people in politics, industry and the various professions have no top lip. This observation has in fact developed into a game with my children who look through various newspapers, Accountancy magazine and Accountancy Age magazine trying to spot the people without a top lip. Try it yourself and I think you will be surprised at the results. Also please note that Messrs Andreotti, Mitterrand and Kohl also have no top lip.

T. W. Ray
26 Artwick Road, Stotfold,
Hitchin, Herts.

Bank of Ireland 'fundamentally very strong'

From Mr Michael Meagher.

Sir, An article ("A rivalry that led to forced errors", November 16) by your Ireland correspondent, Kieran Cooke, quoted an unnamed analyst as stating that, in its home market, consumers might turn their backs on Bank of Ireland. We regard this as an ill-considered suggestion which does not represent the opinion of analysts, the financial com-

munity generally or, indeed, anyone who is aware of our strength and reputation.

Despite the difficulties we currently share with most banks exposed to the United States and Britain, Bank of Ireland is fundamentally very strong, with high capital ratios, no exposure to LDC debt and a highly profitable and very well-managed domestic operation. The suggestion

that we might "milk" the Irish market in order to compensate for overseas difficulties and thus lose customers demonstrates a lack of understanding of the competitive nature of banking in Ireland and the very high regard in which this Bank is held by its customers. Michael Meagher,
Chief Financial Officer,
Bank of Ireland Group,
Lower Baggot Street, Dublin

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FINANCIAL TIMES

Thursday November 29 1990

**PLUMB
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INDUSTRY LEADERS BREAK WITH CALVET

Europe's car makers seek unity

By Kevin Done in London and Andrew Fisher in Stuttgart

THE western European automotive industry is seeking to unite its lobbying organisations in Brussels to try and overcome mounting frustration among leading vehicle makers at their inability to present a common front to the European Commission.

Earlier this week the chairman and chief executives of 11 leading European vehicle makers isolated Mr Jacques Calvet, chairman of the Peugeot group of France, by resigning from CCMC, the Committee of European Community Automobile Makers. This was designed to open the way for a merger with CLCA, the Brussels-based liaison committee of European auto industry trade associations.

It is understood that negotiations are already at an advanced stage. But these had been placed in jeopardy at Tuesday's CCMC meeting in Paris by the insistence of Mr Calvet, the most vociferous opponent of Japanese car imports in Europe, that CCMC should maintain the principle of unanimous decision-making.

The other 11 members, including Mr Eberhard von Kuenheim, chairman of Daimler-Benz, Mr Eberhard von Kuenheim, chairman of BMW, Sir Graham Day, chairman of Rover, Mr Raymond Levy, chairman of Renault, Mr Umberto Agnelli, vice-chairman of Fiat, and Mr Pehr Gyllenhammar, chairman of Volvo, wanted to introduce voting by a qualified majority.

In the face of Mr Calvet's veto, the other 11 members resigned.



Jacques Calvet and Eberhard von Kuenheim: Imports row

Mr Eberhard von Kuenheim, the longest-serving European motor industry leader and a founder of CCMC in 1972, has been given the task of creating the statutes for a unified organisation.

Such a grouping could combine the functions of CCMC and CLCA, thereby representing the European motor industry with a single voice.

It is intended that a single secretariat would be created in Brussels. Non-EC owned car makers such as General Motors and Ford of the US - which have substantial European operations - and Volvo and Saab-Scania of Sweden, would be invited to join.

Peugeot could rejoin the new organisation, but only if Mr Calvet would accept majority voting.

Mr Eberhard von Kuenheim, chief executive of Daimler-Benz, said yesterday that the disbanding of CCMC reflected differences of opinion over the treatment of Japanese car imports.

There was disagreement over the length of transition towards the complete lifting of import controls in some countries.

"We thought that the transition period should be no longer than five years at the most," said Mr Reuter.

"Mr Calvet did not really want to hold to that agreement, and tried to convince everybody that the period of transition should be 10 years at least, with no definite end."

He said that Daimler, the producer of Mercedes-Benz cars and commercial vehicles,

would be happy to see the abandonment of limitation on Japanese imports, but had agreed with the majority CCMC view in order to achieve consensus.

According to one motor industry leader, the isolation of Mr Calvet and Peugeot is a response to his repeated blocking of industry initiatives, not only on the issue of Japanese imports, but also on matters such as emissions and safety regulations, as well as common vehicle specifications.

"The chairman of one car maker claimed that the industry's lobbying in Brussels had been 'emasculated'."

At Tuesday's meeting, Mr Calvet had been "this usual self-charming, absolutely charming, but also on matters such as occupying more speaking time than any other five or six members together."

"Most who know him in France would say he is successful because he is so stubborn and determined. But in a trade organisation that is not very productive."

The CCMC meeting took a 15-minute break in which members decided that, in the face of the Calvet veto, they had no choice but to resign.

One industry leader said that the emotion of participants after the meeting was "a mixture of relief and exhilaration, to be able to do something positive for the industry at a European level for the first time in a long time."

Yesterday Peugeot said that Mr Calvet had no comment to make.

Singapore's new premier lives in the shadow of Lee

By Joyce Quek in Singapore

GOH Chok Tong, Singapore's new premier, paid tribute to his predecessor yesterday during a solemn 35-minute ceremony at the colonial City Hall.

"Few people have done so much for so little return, and fewer still have worked so hard to phase themselves out from the centre of power and actually given up power when the moment came," he said, referring to Lee Kuan Yew, 67, who had stepped down after 31 years in power.

In Lee's long rule he wrought a world role in trade and finance for the tiny city state.

He also developed a reputation for harsh action against internal dissent and for regulating many aspects of his citizens' lives.

Educated women were the ones most encouraged to have babies, while legal prohibitions cover spitting, smoking in public places and leaving a public lavatory without flushing it.

Goh, 49, is much in the same mould. Previously Lee's deputy, he was responsible for imposing wage restraint, homogenising the population by dispersing racial enclaves, and authorising many arrests of those who were deemed to be Marxist conspirators.

According to Goh, "any successor will find the shoes he has left too big to fill. I do not intend to wear his shoes: I will wear my own and set my own stride."

After the swearing-in of his 14-member cabinet before President Wee Kim Wee, the new prime minister promised programmes to equalise opportunities and preserve social harmony. He described his aim as creating a more gracious, cultured nation while ensuring continued economic growth - which is currently faltering.

But if any prime minister sets off this week with a former back-seat driver at his shoulder, it is Goh.

Lee's new role as senior minister without portfolio in the prime minister's office, second in seniority, allows him to contribute at cabinet meetings, focus on those issues he wishes to, and dispense with routine.

He still holds the powerful secretary-generalship of the ruling People's Action Party. Room faiders, Page 6

Major unveils his cabinet

Continued from Page 1
Mrs Margaret Thatcher, meanwhile, said her final farewell to Downing Street with the comment:

"It has been a tremendous privilege to serve this country as prime minister - wonderfully happy years... Now it is time for a new chapter to open."

The new prime minister made room for the two younger ministers to the cabinet by moving Mr David Waddington, 61, to the post of Leader of the House of Lords in place of Lord Belstead.

Mr Waddington's post as home secretary was taken by Mr Kenneth Baker, the former party chairman.

Overall, the new cabinet, with Mr David Mellor, 41, appointed to replace Mr Lamont as chief secretary to the Treasury and Mr Ian Lang, 50, appointed as Scottish secretary, marks a slight shift to the left.

It was seen as a team that would take a pragmatic approach to policies in the run-up to the general election and which would break with Mrs Thatcher's ideological approach if not with most of her fundamental strategy.

There was some surprise, however, that Mr Major had chosen not to appoint a woman to his cabinet.

Mr Parkinson, whose place at transport was taken by Mr Malcolm Rifkind, was one of Mrs Thatcher's firmest supporters, while Waddington, another senior figure on the right of the party, will see his influence reduced.

Mr Richard Ryder, 41, replaces Mr Tim Renton as chief whip.

THE LEX COLUMN

Not a square deal from Trafalgar

With annual results out next Tuesday, this is scarcely the time for a vulnerable company like Trafalgar House to remind investors about an error of judgment. With some of the trade investments which Sir Nigel Brookes has pointed over the years, such as French Kler and Tricentrol, it was hard to tell precisely what money Trafalgar had made or lost. This is not so with Trafalgar's disposal of its 8.5 per cent of Costain, mostly bought in the 1987 bull market. Costain's prime attractions are US and Australian coal assets and they are a commodity play, so there was not a self-evident fit with Trafalgar. By selling the Costain stake at 22 pence per share, Trafalgar House has lost nearly £20m on the deal, even without counting opportunity costs.

Even before yesterday, the stock market was fretting nervously about Trafalgar's state of health and its likely £400m of debt. Hefty write-downs are expected on its UK property portfolio in these circumstances.

Reputable or not, the treasury profits represent cash in hand with which Maxwell can pay down its debt. As for dividend cover, 85 per cent of the equity is now controlled by Mr Maxwell, who will be taking the scrip alternative.

Life as a minority shareholder in these circumstances will always be for the specialist. It may not belong as a public company, but against the odds, Maxwell looks like a survivor.

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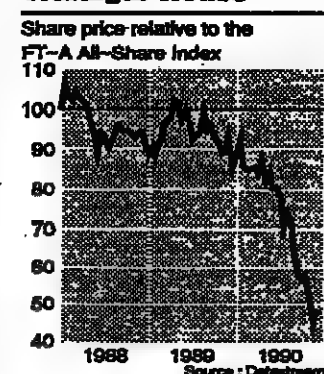
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On the other hand, this is pretty well taken care of by a running yield of 134 per cent, and a prospective multiple of under eight. Other companies

Trafalgar House



Share price relative to the FT-A All-Share Index
1988 1989 1990
Source: Datastream

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being substantial immediate cost savings and a measure of protection for Tate's UK cane operation. But the eventual price would have to be carefully measured against the undertakings given to the UK competition authorities. In any case, British Sugar could go to another buyer before Tate is even cleared to bid.

At yesterday's 280p, Tate is on a historic yield of 5 per cent and a prospective yield of under nine, assuming only marginal earnings growth this year due to a rising tax charge. British Sugar notwithstanding, this seems reasonable value for a well-managed company. But it is worth recalling that the shares have outperformed the market by 135 per cent in the past decade and 12 per cent in the past year alone.

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INSIDE
ANZ plans staff cuts as profits fall 43%

The Australia and New Zealand Banking Group plans wide-ranging changes following the announcement yesterday of a 42.6 per cent drop in net profits. It was "the harshest economic environment for small and medium-sized businesses since World War Two," the bank said. ANZ now intends to cut the dividend, shed 1,000 staff, reduce operating costs by 20 per cent over four years and freeze senior executive salaries for 18 months in the hope of improving profits next year. Kevin Brown reports. Page 23

Eastern cashes in on promise
Eastern Air Lines' cash problems have been temporarily solved by a US court decision earlier this week to allow it access to \$120m held in a controlled escrow account. But, at the same time, the opening of the proceedings increased the airline's problems. Customers took fright as Eastern's unsecured creditors seemed determined to push the carrier into liquidation. Nikki Tait looks at the troubles facing the struggling, but optimistic, airline. Page 23

Sensitive news items
London's stock exchange introduces new arrangements on the release of price-sensitive information next week despite complaints from leading news agencies. Companies will now be required to give announcements initially to the exchange, which will then release the information on its own regulatory news service. The exchange's commercial news agency - Topic - will now receive information at the same time as other competing agencies. Page 27

Tate cuts into debt mountain
"This year was a year to get our debt down and we have done it," said Tate & Lyle chairman Neil Shaw (left) yesterday. The UK sweeteners group revealed a 9 per cent rise in pre-tax profits to £218m (£427m) and, in the absence of any big acquisitions, halved net borrowings to £1.1bn. Mr Shaw acknowledged that if Tate were allowed to proceed with its offer for British Sugar - the best refining subsidiary of Bristol International - it would have to raise fresh equity. Page 26

Bridging the water gap
Britain's privatised water companies are caught between conflicting currents of opinion. The National Rivers Authority is calling for anti-pollution improvements while the industry's principal watchdog is demanding strict economic regulation. North West Water, announcing interim profits of £115m (£226m) before tax, has called on the government to narrow the gap between the objectives of these two groups, reports Andrew Hill. Page 26

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Chief price changes yesterday

| FRANKFURT (DM) | | PARIS (FF) | |
|-------------------|---------------|-------------------|------------|
| Banque | 750 + 20 | Airbus | 1102 + 62 |
| Deutsche | 2280 + 20 | Bouygues | 2400 - 70 |
| Paribas | 2280 + 20 | Crédit Foncier | 980 - 25 |
| Comptoir Vostok | 1270 - 70 | Deutsche Post | 3780 - 55 |
| Industrie Wessing | 291 - 10 | Harvesta Bank | 740 - 21 |
| Reichsbank | 2290 - 35 | Industrie Wessing | 70 - 70 |
| NEW YORK (US) | | TOKYO (Yen) | |
| Banque | 163 1/2 + 1/4 | Fuji | 1060 - 40 |
| Goldman Sachs | 15 1/2 + 1/4 | Hankook Paper | 1950 - 170 |
| JP Morgan | 19 1/2 + 1/4 | Korea Steel | 440 - 17 |
| Wells Fargo | 32 1/2 + 1/4 | Nippon Steel | 372 - 24 |
| Wells Fargo | 32 1/2 + 1/4 | Woo Sang Sang | 464 - 24 |
| Photo Dodge | 51 1/2 - 1/4 | | |

LONDON (Pence)

| | | | |
|---------------|--------------|--------------|-----------------|
| Capital Radio | 145 + 8 | David Morris | 75 - 10 |
| Century Oil | 95 + 1 | Enron New | 52 - 25 |
| Aluminium | 154 + 4 1/2 | Programme | 285 - 25 |
| Steel | 220 + 12 | ICI | 88 1/2 - 12 1/2 |
| Shell | 62 1/2 + 1/2 | ICI | 88 1/2 - 12 1/2 |
| Shell | 62 1/2 + 1/2 | ICI | 88 1/2 - 12 1/2 |
| Shell | 62 1/2 + 1/2 | ICI | 88 1/2 - 12 1/2 |
| Shell | 62 1/2 + 1/2 | ICI | 88 1/2 - 12 1/2 |
| Shell | 62 1/2 + 1/2 | ICI | 88 1/2 - 12 1/2 |
| Shell | 62 1/2 + 1/2 | ICI | 88 1/2 - 12 1/2 |

Fiat to invest L5,000bn in south Italy

By John Wyles in Milan
THE FIAT GROUP has decided to establish its car production more firmly in Italy by investing about L5,000bn (£4.5bn) in the construction of two production plants in the south of the country.
The decision will be seen as a vote of confidence in the Mezzogiorno region, where organised crime and social and economic problems are obstacles to attracting industrial investment.
Fiat's feasibility studies of alternative sites embraced Spain, the north of England and Turkey.
The largest development will be at Melfa in the Basilicata area, where by 1995-96 around 7,000 workers will be employed at a new three-shift assembly plant with a capacity of up to 1,800 vehicles a day.
An additional 1,500 jobs will be created near Avellino in Campania by expanding a components plant for the production of 3,600 engines a day.
According to the company, the increase in employment could be up to 15,000 if the impact on the components industry is also taken into account.
The two new plants will mean that 50 per cent of Fiat Auto's production capacity will be in the south of Italy.
Union leaders in the north were anxious yesterday that the new investments implied a shift of production to the south which would cost jobs in their region, especially at Mirafiori, Fiat's giant plant in Turin. This is where Fiat's best-selling Uno is produced. Its successor will now be assembled in Basilicata.
The projected 350,000 units-a-year output from the new plant represents a 15 per cent increase in Fiat's production capacity. However, the company denied that there would be any significant reduction in employment or output in the north, but added that there would be "a redistribution of production".
The group's readiness to concentrate more of its production in Italy will surprise some analysts who argue that Fiat Auto's costs are too vulnerable to a national inflation rate which has been above the European average for more than a decade.
A Fiat representative's response yesterday was that concentration in Italy had not been an obstacle to the company's growth in the European market, while an official statement stressed that its new investments "must be achieved and must operate in absolute competitiveness with those which other major producers, including the Japanese, are making".
The company would not reveal how much state aid it would receive in the form of grants, interest-rate subsidies and subsidised social payments for investing in the south. But it pointedly added that the total would be no more than the law allowed. The aid, as well as the principle of building new production capacity, will need the approval of the European Commission.

State may sell off holding in Lufthansa

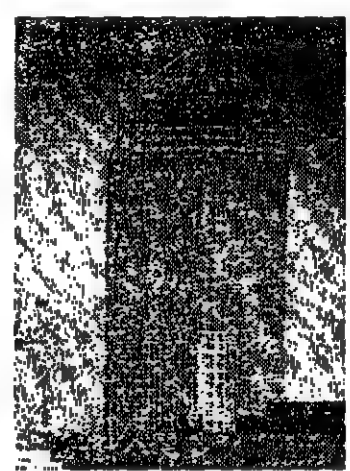
By David Goodhart in Bonn
THE GERMAN government is planning a further round of privatisation to help cover the costs of unity. This could include the sale of the 50 per cent-plus of Lufthansa which remains in state ownership.
Mr Theo Waigel, finance minister, said selling off more of Lufthansa was only a matter of "practicalities such as timing and share price". He hopes to raise several billion D-Marks from another round of privatisation and said there would be "no taboos" about what could be examined for sale.
He appeared to rule out the sale of Telekom, the telephone business of the Bundespost, on the grounds that it would be unconstitutional. However, he said private capital must become more involved in telecommunications and other infrastructure projects in east Germany than it has in west Germany.
About 51 per cent of Lufthansa is owned by the state, or 55 per cent including small stakes held by state-owned bodies. A further 5 per cent is owned by two Länder (regions). The rest is held privately. Bonn's share was cut last year from 69 per cent.
A consideration in the timing of Lufthansa privatisation would be the company's performance, which has recently come in for criticism as a result of rising costs. In the first half of this year the airline reported a loss of DM3m (\$2m) compared with a profit of DM67m for the same period last year.
Since the current coalition came to power in Bonn in 1982, about DM10bn has been raised from privatisation. At the end of 1989, the central government had shares in 133 companies, reduced from 808 in 1982. During the same period the UK has raised DM100bn through privatisation, and France DM20bn.
Mr Waigel said he did not expect any income from privatisation of companies owned by the Treuhander, the trust body which owns most of east German industry.
Warning strikes at Volkswagen will start tomorrow following the breakdown of talks between the company and the IG Metall union.
The union, which represents 130,000 VW workers, is seeking a pay rise of 8.5 per cent and a 35-hour week. The company has so far offered a 4 per cent rise and introduction of the 35-hour week in 1996, an offer which is worse than that conceded in the national negotiations for most engineering and car workers earlier this year.

Dissatisfaction over VRN interest rates emerges

By Simon London
MORE evidence of investor concern about the stresses within the international banking system has emerged in a market which has provided a valuable source of capital for many of the world's banks.
Buyers of variable rate notes have indicated three times in the last week they are dissatisfied with the interest rates being paid on the notes by the banks. Four variable rate notes issued by international banks now stand at punitive fall-back interest rates, providing further evidence that banks are now having to pay more for their capital.
The issues standing at fall-back rates are a £300m (\$570m) issue by the National Westminster Bank, \$300m by the Bank of Ireland, £150m from National Australia Bank - the interest rates on all of which were reset in the last week. A \$300m issue for Great Western of the US was reset last month at the punitive rate. The market in variable rate notes has provided one of the few reliable sources of capital for banks, many of which face pressure to meet internationally agreed minimum standards for bank capital by March 1993. About \$8bn of such paper, where the interest margin is reset every three months after talks with investors - has been issued in the last two years.
National Australia Bank's £150m VRN issue was launched four months ago, paying an interest rate of 38 basis points (0.38 percentage point) above the London Interbank Offered Rate. The fall-back rate is 65 basis points. National Westminster's \$300m issue was launched at 12.5 basis points over Libor in November 1989 and has reverted to 37.5 basis points - now seen as inadequate even for a high-quality bank. The fall-back rate on the Bank of Ireland issue is 100 basis points and 62.5 basis points on Great Western.

O&Y speeds up disposal of non-core assets

By Bernard Simon in Toronto
OLYMPIA & YORK, the large diversified Canadian property group which is developing Canary Wharf in London's Docklands, is taking steps to improve its liquidity and accelerate the disposal of non-core businesses.
The moves include a package to refinance O&Y's \$400m (\$784m) preferred-share holding in Allied-Lyons, the British food and beverage group; the payment of a special dividend from GW Utilities, the holding company for its Canadian energy interests; and plans to sell its interest in Interprovincial Pipe Line, Canada's largest oil pipeline operator.
They are planned with an eye on the tightening credit markets and on future property opportunities.
O&Y, a private company controlled by the Reichmann brothers of Toronto, earlier this week completed a \$500m interim financing with a group of 10 North American and European banks for its flagship Canary Wharf project. Together with \$500m of paid-up capital in Canary Wharf plus loans from the parent company, O&Y is confident that the financing package will be sufficient to cover the phases of the project already under construction.
The \$500m interim financing package, consisting of floating-rate debentures, will be repaid from mortgage financing on the 10 buildings which will comprise the Canary Wharf development. O&Y is currently negotiating specific mortgage packages for two of the buildings.
Four North American banks and six European banks took part in the financing package, which has been under negotiation since July. Mr Michael Dennis, managing director of O&Y's London operation, said: "It is basically a statement by the lenders that the project makes sense."
O&Y publishes no information on its financial situation, but the sagging international property market and the poor performance of some of its non-property holdings have fuelled speculation that the parent company is under considerable pressure.
A source close to the company explained yesterday, however, that the strategy to maximise liquidity was determined less by immediate need than by a long-term view of credit markets and expansion opportunities over the next decade.



Canary Wharf: flagship project

Another tense round for battered Brent Walker

Maggie Urry looks at yet more delays to the leisure group's desperate bid to reduce its mountain of debt

Just when a crucial bond issue appeared to free Brent Walker from the uncertainty surrounding the refinancing of its heavy debts, the group and its bankers once again find themselves in suspense.
On Tuesday, bankers and underwriters gathered at Hill Samuel, the leisure group's merchant bank, to wait for £103.3m (\$203m) to arrive from places of the convertible bond issue. The issue is vital to the restructuring of the group's debts of £1.4bn.
By the 3pm deadline, the cheques and bankers' drafts - including one drawn on the Bank of England by an investor - were piling up. Money arrived from Bircage Walk, the family trust company of Mr George Walker, chairman and chief executive of Brent Walker Leisure International. But the Irish-based paper and packaging group, and its chairman Mr Michael Smurfit, from Svenska Interim, the Swedish-owned investment bank, from Hambro Group Investments, part of Hambros Bank; from places lined up by M&G Partners, the venture capital and corporate finance house; and from 254 shareholders of Brent Walker who stumped up £510,000 to buy bonds back from the places.
But at 3pm, £20m was still awaited. Rumours swept the stock market and Brent Walker's share price slumped briefly. The company made a short statement after the stock market closed.
Those at the meeting were somewhat reassured when, two hours after the deadline £2m, turned up - £1m from each of the last two places, Citicorp, a company based in the Bahamas, and Tunis International Bank, a consortium bank based in Tunisia. Both places had signed up for £10m of the bonds, as a gesture of good faith.
Talk was of technical hitches in sending money from abroad, and yesterday the company said it was confident the rest of the money would be forthcoming. After initial weakness, the shares rose to close 1p higher at 32p.
However, the Evening Standard newspaper reported yesterday that Mr Walker had been anxiously trying to raise cash for the bond on Monday. He was rumoured to have asked the pen-



George Walker, chairman: once again in suspense

Brent Walker's financial problems started earlier this year when the group decided to arrange £150m of medium-term bank finance to repay short-term loans. It thought it had fixed the loan with some Japanese banks. However, only days before August 1 - when that money was due to be made available to Brent Walker - the Japanese banks decided not to lend.
The group had made no back-up arrangements. Even so, the problem Brent Walker was in did not become generally known. In September, it decided to launch a £100m-£150m bond issue, to be convertible into Brent Walker shares at a price of 140p - then near the level at which the shares were trading.
The bonds, with a 18 per cent coupon, looked a fair investment when the group announced interim profits up 52 per cent. Investors were also sufficiently convinced by the quality of the group's assets - including pubs, hotels, leisure complexes and the second-largest book making chain in the UK - to agree to a prolonged cash flow from those assets to outweigh concern about the company's mountain of debt. In September, the group said debt totalled £1.15bn.
The bond issue was set at £103.3m, near the bottom end of the expected range. It was only in the weeks after the underwriters and places were signed up that the scale of Brent Walker's problems emerged.
Repeated delays in producing the listing particulars for the bond began to raise suspicions, until it was realised the group was involved in a full-scale refinancing of its debt. When the particulars were eventually published at the end of October, Brent Walker's debt had reached £1.4bn, including guarantees and contingent liabilities.
Now the bond issue looks much less attractive, although Hambro Group Investments yesterday said bravely that it was happy keeping its £5m investment in the bonds. Mr David Lewis, a Hambro director, said: "It is a good yield and interest rates are coming down." However, when or if the bonds finally reach the stock market, they are likely to be quoted well below the par issue price.

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INTERNATIONAL COMPANIES AND FINANCE

Trafalgar House sells its 8.8% stake in Costain

By Andrew Taylor, Construction Correspondent, in London

TRAFALGAR HOUSE, the UK construction, property, shipping and hotels group, yesterday sold its 8.8 per cent stake in Costain, the mining and construction group, for £31.43m.

Trafalgar is expected to announce on Tuesday a big fall in pre-tax profits for the year to the end of September.

The sale price of 200p a share for the Costain stake represents a loss to Trafalgar, which acquired much of its holdings before the stock market crash in October 1987.

One London stockbroker estimated that Trafalgar could have paid an average price of

330p a share for the 15.71m Costain shares which were placed yesterday with a small number of institutions by Kleinwort Benson, the UK merchant bank. This would mean a loss on the transaction of more than £18m.

The sale comes amid concern that Trafalgar House might announce a cut in its final dividend when it publishes its results next week. The group's share price on November 15 hit a seven-year low at 154p.

Trafalgar's shares climbed 3p yesterday to 174p following the news of the disposal. Some analysts said the cash raised

would give Trafalgar a better chance of avoiding a dividend cut on Tuesday. Others felt the sale had occurred too late to make any difference.

The group has been hit by the collapse of commercial and residential property markets in the UK.

Trafalgar House has taken advantage of a rise in Costain's share price, which at the beginning of this month stood at 185p. After the sale Costain's shares fell to 200p from 210p.

Costain said it was pleased by the sale, which removed some uncertainty surrounding the future of the stake.

AGF deals to boost capital by FF4.6bn

By George Graham in Paris

ASSURANCES GÉNÉRALES DE FRANCE (AGF), the French state-owned insurance company, has completed a complex series of share transfers with the state allowing it to increase its capital by a total of FF4.6bn (\$923m).

AGF shareholders yesterday voted through the issue to the state of new AGF shares in payment for stakes in three state-owned industrial companies - chemicals group Rhône-Poulenc, aluminium producer Pechiney and oil company Total CFF - and the acquisition of a controlling stake in Banque d'Alsace et de Commerce Extérieur (BACE).

This will leave room for AGF to raise fresh cash on the capital markets. Before yesterday's operations, it could not sell more shares in the market without breaking the rule that the state must control at least 75 per cent of its capital.

The issue of new shares gives it the leeway to dilute the state down to 75 per cent, as its state-owned competitors Union des Assurances de Paris and Groupe des Assurances Nationales did earlier this year. It could, therefore, issue 1m to 1.5m new shares, raising perhaps FF1bn at current market prices.

Yesterday's operations involve AGF giving 3.6m new shares to the state in return for 5.45 per cent of Rhône-Poulenc, valued at FF1.7bn; 7.5 per cent of Pechiney, valued at FF1.17bn; 4.3 per cent of Total, valued at FF1.5bn. It will also give 321,000 new shares to the shareholders of BACE in return for a 49 per cent stake in this specialist foreign trade bank, valued at FF1.04bn.

The four operations will dilute AGF's earnings by an estimated 7 per cent.

French state-owned companies have had to resort to a variety of expedients, such as these exchanges of equity holdings with the state, in order to circumvent the socialist government's freeze on all further privatisations, even partial, which has prevented them from tapping the capital markets.

Montecatini resurrected to lead chemicals expansion

By John Wyles in Milan

MR Raul Gardini's Ferruzzi group has moved quickly to recover from its failure to win control of Italy's basic chemicals industry by reviving the illustrious name of Montecatini as the vehicle for developing an expanded presence in the production of advanced chemical materials.

Anxious to dispel any impression that its corporate strategy has suffered any serious setback by the decision to sell its 40 per cent of Enimont to ENI, the state energy group, top management at Ferruzzi's Montecatini subsidiary is studying possible targets for acquisition in Europe and north and south America specialising in rubbers, fibres and plastics.

The rationale for reviving the Montecatini name derives from a recent corporate reorganisation based on the merger

of Montecatini with Ferruzzi Agricola Finanziaria to establish the former as a pure holding company.

Montecatini will be the management company responsible for co-ordinating the activities of Enimont, a leading producer of polypropylene, Ausimont, a manufacturer of fluors and Erbmont, the pharmaceuticals company. It will also supervise Selin, the energy subsidiary, whose name is to be changed to Edisem.

The symbolism of these names will not be lost on Italians who recall that Montecatini's birth as a chemicals company in the 1930s followed the merger of Montecatini and Edisem.

Montecatini was founded in 1888 and was the spearhead of Italian technical achievement in the chemicals sector. Montecatini's subsequently tortured

corporate history was marked by controversial takeovers, nationalisation and then privatisation, and sharp and sometimes destructive competition with the public sector chemicals industry.

Enimont, the abortive joint venture with ENI, was intended to assure a stable transformation of the Italian chemicals industry into a higher value-added producer.

Now Mr Gardini is reaffirming his determination to build what he had hoped to build with Enimont - a business specialising in advanced chemicals.

On a consolidated basis, Montecatini's sales this year will be £6,500m (\$5,860m), most of them outside Italy. According to the company, acquisitions beginning within the next three months should raise this to £10,000m.

Heineken proposal reduces job cuts to 250

By Ronald van de Krol in Zoeterwoude

HEINEKEN, the Dutch brewery group, is to cut 250 jobs in the Netherlands under a scaled-down reorganisation plan unveiled yesterday to replace a controversial job-cutting plan that sparked strikes nine months ago.

The original plan, which was announced on January 30 but then retracted on February 17 after wildcat strikes hit Heineken's breweries, had called for 700 jobs to be eliminated out of a total of roughly 4,000.

However, the actual difference between the two plans is only 100 fewer job cuts than previously announced. Since February, 150 jobs have been cut through a virtual hiring freeze.

Also, the new plan does not cover domestic transport and storage operations, where 200 jobs had originally been slated to go. Those operations will be looked at again in 1991.

The latest plan, like the original one, is to be implemented over a three-year period and will not involve compulsory redundancies.

Mr Rob Strobbe, director of Heineken Nederland, said the reorganisation would enable Heineken to brew beer more efficiently and to respond more quickly to changing market conditions.

Union officials yesterday criticised parts of the plan, saying middle management had been spared at the expense of production workers.

The plan calls for the elimination of 30 jobs at Heineken Nederland's head office in Zoeterwoude, 108 at the Zoeterwoude brewery and 124 at the brewery in Hertenbosch. At the same time, its sales staff will be expanded by 16. Heineken has accepted a union demand that the plan be scrutinised by external management consultants.

The February strikes - the first significant industrial action suffered by the Heineken group - were held just before the start of Mardi Gras, a peak beer-drinking season in the Catholic southern area of the Netherlands.

Allianz chief to retire

Mr Wolfgang Schieren (right), chairman of Allianz, Europe's largest insurance group, plans to step down from active management of the company next year, AP-DJ reports.

The Munich-based company said Mr Schieren would retire from the post he has held for the past 20 years on reaching the age of 65.

He will be succeeded by 51-year-old Mr Friedrich Schiefer, managing board member in charge of finance at Allianz. The changes will take effect next October 2 at the company's annual shareholders' meeting, Allianz added.

The decisions on Mr Schieren's retirement and new appointments were taken at a meeting of Allianz's board of supervisors on Tuesday.

The company added that Mr Schieren is expected to be nominated to a seat on the supervisory board of supervisors.



Mystery over rival MCA bid

IN AN odd postscript to Matsushita's agreement to buy MCA, the Hollywood film studio, Italian financier Mr Giancarlo Parretti apparently wrote to Mr Lew Wasserman, MCA chairman, after the transaction was announced, telling him he wanted to make an offer for the company.

Analysts scoffed at the bid, AP-DJ reports.

Mr Parretti's Pathe Communications completed the \$1.36bn acquisition of MGM-UA Communications on November 1, after delays while Mr Parretti assembled financing.

Mr Jeffrey Logsdon, analyst of Seldier Amdec Securities, said the latest development raises the remote possibility of some legal action that could cause a slight delay.

Japanese to build vehicle parts plant in Belgium

ALISIN AW, 70 per cent owned by Aisin Seiki of Japan and 30 per cent by Toyota Motor, has set up a wholly-owned unit in Belgium to build a plant to produce and sell automatic transmissions, Reuters reports.

The move comes before European Community integration in 1992, and will be the first overseas production of the units by a Japanese manufacturer. The new plant will cost ¥2.5bn (\$19m) and create at least 250 jobs, Aisin AW said.

Aisin AW, Japan's top manufacturer of automatic transmissions, said the new company, AW Europe, capitalised at ¥300m, will sign a contract next month to buy 37 hectares of land near Mons and will

start construction in mid-1991.

It will begin assembly in the first half of 1993 with monthly output of 1,000 units for use in front-wheel-drive vehicles, rising to a yearly output of 250,000 units by 1996. The local procurement rate in 1996 will be more than 60 per cent. Production from the plant will be supplied to European car makers which currently use Aisin AW-made automatic transmissions.

Aisin AW supplies 200,000 automatic transmissions a year to European car makers such as Volvo, Opel and Vauxhall.

Aisin also hopes to supply to Toyota's UK assembly plant which will begin production by end-1992.

This announcement appears as a matter of record only

November 1990

NORDIC INVESTMENT BANK

Pesetas 10,000,000,000

13.80% Notes Due 1995

BANCO BILBAO VIZCAYA, S.A.

BANCO DE CREDITO INDUSTRIAL

BANCO ESPAÑOL DE CREDITO, S.A.

CREDIT COMMERCIAL DE FRANCE

SBS Sociedad de Valores, S. A.

TOKYO SOCIEDAD DE VALORES (ESPAÑA), S.A.

BANCO HISPANO AMERICANO, S.A.

BANCO SANTANDER DE NEGOCIOS

BANCO COMERCIAL TRANSATLANTICO, S. A.

BANKERS TRUST S. V., S. A.

Grupo Deutsche Bank

DRESDNER BANK, AG

CITIBANK ESPAÑA, S.A.

Sucursal en España

ISTITUTO BANCARIO SAN PAOLO DI TORINO

JP MORGAN

Sucursal en España

Sociedad de Valores y Bolsa, S.A.

NIKKO ESPAÑA Sociedad de Valores, S. A.

NOMURA ESPAÑA Sociedad de Valores, S.A.

BANCO URQUIDO

BANQUE BRUXELLES LAMBERT, S.A.

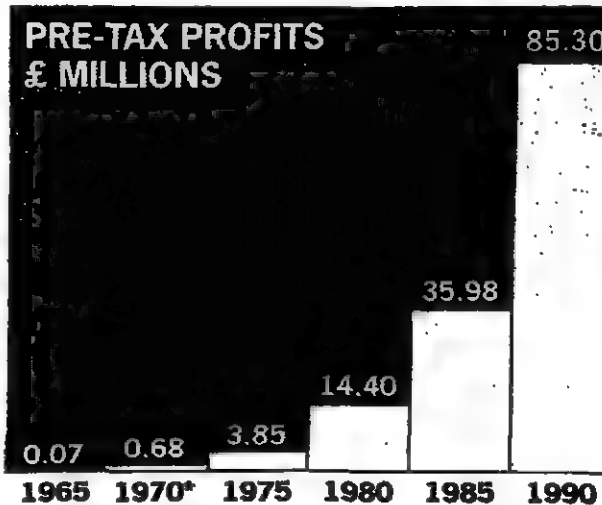
Grupo March

Sucursal en España

BBV

BANCO BILBAO VIZCAYA

25th RECORD YEAR IN A ROW



| KWIK SAVE | YEAR ENDED 29th AUG '89 £m | YEAR ENDED 29th AUG '90 £m | PERCENTAGE INCREASE |
|------------------------|----------------------------|----------------------------|---------------------|
| TURNOVER INCLUDING VAT | 1239.00 | 1520.00 | 22.7% |
| PRE-TAX PROFITS | 73.20 | 85.30 | 16.5% |
| EARNINGS PER SHARE | 31.60p | 36.25p | 14.7% |

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No nonsense, just simple, functional stores offering Britain's favourite grocery brands at Britain's favourite prices. That's what our customers have enjoyed over the last 25 years.

This year a further 200 stores have been converted to scanning giving the majority of stores improved efficiency and a larger range of brands at discount prices.

It's what more and more people are appreciating up and down the country as Kwik Save continues its vigorous store opening programme.

Proof that shoppers everywhere welcome the change with Kwik Save's unique retailing formula.

KWIK SAVE

NO NONSENSE FOODSTORES
661 stores throughout England and Wales

Covers of the report and accounts will be available after 20th December 1990 from the Company Secretary, Kwik Save Group plc, Warren Drive, Prestatyn, Chwyd LL19 7AU
Kwik Save became a public company December 1970

Philips raises \$2bn from international bank group

By Stephen Fidler, Euromarkets Correspondent

PHILIPS, the big Dutch electrical group now undergoing a profound restructuring, is raising \$2bn from international banks.

The five-year term loan has been underwritten by a group of eight international banks, but the cost to the company is appreciably more than it would have had to pay a year ago. The credit, which went into general syndication yesterday among a larger group of banks, is being arranged by Credit Suisse First Boston. Its purpose is to refinance some of the company's short-term debt and some maturing long-term debt. The company will begin to make repayments on the loan after 3 1/2 years. It carries interest margins of 1/2 percentage

point over interbank rates for the first 18 months, 1/2 point for the next 18 months and 3/4 point for the remainder. A commission of 0.2 per cent is payable on the undrawn amounts during the initial six months.

Bankers said yesterday that the higher margins being paid by Philips represented both a general increase in the rates being paid by corporate borrowers for loans, and a deterioration in the perception of the company in recent months.

The bank underwriting the credit are ABN-Amro, Banque Nationale de Paris, BNP-Paribas, Citibank, Credit Suisse, DAB Bank, Citibank, Credit Suisse, Rabobank and Union Bank of Switzerland. They are not taking equal

shares. They said a number of companies were looking to lock in funds from bank lenders since short-term credits from banks were becoming less and less reliable.

Philips, which is making 35,000 to 40,000 workers redundant in a big restructuring, this month doubled the estimate of its expected net loss this year to \$1.4bn.

Citicorp said it had completed a \$300m five-year revolving standby credit with an 11 bank group for PolyGram, the German record company.

The facility has a 0.125 per cent and a utilisation fee of 0.05 per cent is payable when the funds are more than half drawn down.

First Boston chief for CS Holding board

By Tracy Corrigan

MR John Hennessy, chief executive of CS First Boston, has been appointed to the executive board of CS Holding, which wholly owns the Swiss bank, Credit Suisse.

Earlier this month, CS Holding said it would lift its stake in CS First Boston to 60 per cent from 44.5 per cent, taking control. Over the last year, CS Holding has injected substantial funds to bolster First Boston, the US investment banking arm of the group, which has been troubled by problem loans.

The move is part of the restructuring of the group, designed to tighten the links between the holding company, CS Holding, and the three investment banking arms of the New York-based CS First Boston group.

CS Holding also said Credit Suisse executive board member Mr Rudi Stalder would be appointed chief financial and administrative officer of CS First Boston. Mr Stalder was also appointed to the CS Holding executive board.

Buyers snap up EIB \$300m issue

By Simon London

THE EUROPEAN Investment Bank sought to create a benchmark in the dollar sector yesterday, by doubling the size of an existing \$300m seven-year issue.

The \$300m fungible offering, lead-managed by Goldman Sachs, carries a coupon of 9 1/2 per cent and was issued at a price of 101.88. At this level it yields 52 basis points more than equivalent US Treasury paper at this maturity. The World Bank's \$2bn global seven-year issue offers 44 basis points over US Treasury paper.

Against a background of a falling US Treasury market, the issue was snapped up by institutional investors keen to hold a liquid, triple-A rated paper at this maturity. The issue traded just below issue price, at 101.86 bid.

The deal benefited from the lack of new issuance in the dollar sector, especially at the longer maturities.

In the shadow of a looming recession, many corporate borrowers are unpopular with investors and have not been prepared to issue at higher

| NEW INTERNATIONAL BOND ISSUES | | | | | | | | | |
|-------------------------------|-----------|----------|---------|----------|---------|-----------------------|--|--|--|
| Borrower | Amount m. | Coupon % | Price | Maturity | Yield | Book runner | | | |
| US DOLLARS | | | | | | | | | |
| Commerzbank AG | 400 | (4 1/2) | 101.88 | 1997 | 2 1/2 | Nomura Int. | | | |
| EBRD | 300 | 9 1/2 | 101.88 | 1997 | 2 1/2 | Goldman Sachs | | | |
| Santander Global | 50 | (5 1/2) | 100 | 1994 | 2 1/2 | Deutsche Bank | | | |
| Century Leasing | 30 | 8 5/8 | 101 1/2 | 1995 | 1 1/2 | DKB Int. | | | |
| Tokyo Leasing | 30 | 8 5/8 | 101 1/2 | 1995 | 1 1/2 | DKB Int. | | | |
| Bank of Montreal | 100 | 4 1/2 | 100 | 1994 | 2 1/2 | Nomura Int. | | | |
| AUSTRALIAN DOLLARS | | | | | | | | | |
| SLF/Com Victoria | (5) | zero | (5) | (5) | 1 1/2 | Barclays | | | |
| D-MARKS | | | | | | | | | |
| SCA Capital Corp | 200 | (c) | 100 1/2 | 1993 | 20/10bp | WestLB | | | |
| PERSEA | 150m | 13 1/2 | 101.70 | 1995 | 1 1/2 | Banesto | | | |
| SWISS FRANC | | | | | | | | | |
| Province of Quebec | 200 | 7 1/2 | 101 1/2 | 1996 | - | SBC | | | |
| Isle of Man | 50 | 8 1/4 | 100 | 1995 | - | Mitsubishi Bk (Switz) | | | |
| Glaxo Yarns | 20 | 7 1/2 | 101 1/2 | 1995 | - | Nomura Bk (Switz) | | | |
| DSL/AAA | 20 | 7 1/2 | 101 1/2 | 1995 | - | Credit Suisse | | | |
| YEN | | | | | | | | | |
| Canadian Imp. Bk Comm. | 2.2bn | 15 | 101 1/2 | 1991 | 1 1/2 | New Japan Secs. | | | |

yield levels. Also interest rate and currency swaps opportunities are few.

The EIB is one of the few borrowers with a need for unsecured US dollars and a credit background acceptable to dollar investors.

In the Australian dollar sector, the State Electricity Commission of Victoria came with a three-tranche, zero-coupon \$500m issue via Samuel Montagu.

The borrower is raising \$500m from the issue and the structure includes paper of 10, 15 and 20-year maturities.

BZW to launch warrants on CAC 40

By Deborah Hargreaves

BARCLAYS De Zeeuw will issue the second in its series of warrants on European stock indices today with the launch of 6m warrants on the French CAC 40 index.

The issue is worth some \$18.5bn and will be made up of both calls and puts.

The CAC 40 warrants form part of BZW's programme of large, liquid issues of over-the-counter index war-

rants and BZW is backing this with a commitment to making a deep secondary market.

Today's issue follows the launch of FT-SE warrants which met with wide investor demand and generated some two-way business, according to the broker. The decision to price the warrants in small increments had drawn in a lot of private client demand.

Citicorp launched its Treasury

warrant in two tranches offering strike prices of \$104.00 and \$102.00 with a life of two years.

Palme Webber issued 2m warrants based on a basket of US financial stocks which includes Aetna, Ammanon, American Express, Bank One, BankAmerica, Citicorp, Federal National Mortgage Association, Merrill Lynch, J.P. Morgan, NCNB.



John Hennessy: move is part of restructuring

Finland keeps restrictions on raising foreign loans

THE Bank of Finland says the current restrictions on private individuals and companies raising foreign loans should remain until the Finnish economic outlook improves. Renter reports from Helsinki.

In a memorandum requested by the bank's parliamentary supervisors, the bank's board said liberalisation could bring inflation. Mr Juhani Raatikainen, acting head of the financial markets department, said the board thought freeing loans could affect domestic demand and the housing market and fuel inflation.

"The only thing we can say

Merrill Lynch freezes recruitment of staff

By Martin Dickson in New York

MERRILL Lynch, the largest US securities firm, has ordered a freeze on staff hirings and bonus payments in the latest sign of Wall Street's efforts to slash costs in the face of a sharply deteriorating business climate.

A memorandum to employees said staff could only be hired with the approval of a senior vice-president, while merit pay rises for eligible employees would, with a few exceptions, be frozen in 1991.

Mr Dan Tully, Merrill's president, said: "The operating

environment for our business is increasingly difficult. "We expect the pressure on our profitability to intensify."

Merrill, in common with many other securities houses, has been in the throes of a big cost-cutting and reorganisation programme for months.

The number of its staff has dropped by about 2,400 to around 38,000 since the start of the year.

Earlier this month it laid off 50 members of its investment banking arm.

Barings' head of department leaves firm

By Antonia Sharpe

BARING Securities, the London-based securities operation of Baring Brothers merchant bank, has parted company with Mr Henry Reid, the head of its European equities sales team.

Mr Reid, 32, joined Baring Securities in early 1988 after working for Wood Mackenzie and Mercury Asset Management. He was largely responsible for setting up and expanding Baring's successful foray into European equity research and sales. Mr Reid is expected to return to the business after a period of six months.

Fund for private Italian companies raises L74bn

By Stephen Fidler

A FUND designed to invest in privately-held Italian companies has raised L74bn, its sponsors said.

The Italian Private Equity Fund aims to invest in private companies, with the focus on profitable small and medium-sized companies, primarily in the north of Italy, seen as having high growth potential.

The fund, sponsored by Continental Bank of the US, Electro Kingsway and Mediocredito Lombardo, attracted 19 institutional investors in nine countries to raise the L74bn. A second closing will take place later in the year, when an addi-

tional L20bn to L30bn is expected to be raised.

The Bank of Italy has never before permitted an Italian bank to sponsor a foreign, closed-end investment fund. This fund is structured as a UK limited partnership.

The investment adviser will be B&S Ventures, a private investment capital manager and adviser based in Milan.

Cedel opens office in Hong Kong

CEDEL, the Luxembourg-based clearing house for international securities, has opened a representative office in Hong Kong, writes Tracy Corrigan.

FT-ACTUARIES SHARE INDICES

The Financial Times Ltd 1990. Compiled by the Financial Times Ltd in conjunction with the Institute of Actuaries and the Faculty of Actuaries

| EQUITY GROUPS | | | | | | | | | |
|--|----------------|-----------------------|-----------|----------------|------------|------------|------------|------------|------------|
| A SUB-SECTIONS | | | | | | | | | |
| Figures in parentheses show number of stocks per section | | | | | | | | | |
| Index No. | Day's Change % | Est. Earnings (pence) | Yield (%) | Est. P/E Ratio | 1990 Index | 1989 Index | 1988 Index | 1987 Index | 1986 Index |
| 1. CAPITAL GOODS (195) | 722.81 | -0.7 | 14.85 | 6.60 | 34.18 | 727.99 | 724.40 | 731.17 | 865.84 |
| 2. Building Materials (26) | 983.64 | -0.8 | 14.75 | 6.21 | 41.09 | 993.33 | 988.71 | 997.42 | 1032.19 |
| 3. Contracting, Construction (34) | 1165.62 | -1.4 | 16.11 | 6.87 | 59.49 | 1181.64 | 1175.74 | 1180.14 | 1396.78 |
| 4. Electrical (10) | 1900.53 | -0.9 | 14.77 | 7.09 | 8.29 | 99.22 | 1181.11 | 1196.09 | 1921.54 |
| 5. Electronics (26) | 1592.77 | -0.2 | 10.60 | 5.40 | 12.85 | 66.29 | 1596.34 | 1609.33 | 1621.70 |
| 6. Engineering-Aerospace (8) | 396.99 | -0.8 | 16.90 | 6.14 | 7.09 | 17.27 | 400.20 | 396.41 | 409.53 |
| 7. Engineering-General (47) | 399.76 | -0.5 | 16.07 | 7.12 | 7.51 | 16.82 | 361.62 | 361.91 | 363.48 |
| 8. Metals and Metal Forming (8) | 401.43 | -0.3 | 23.08 | 6.51 | 5.35 | 24.83 | 401.29 | 396.11 | 398.32 |
| 9. Motors (13) | 286.50 | -2.4 | 17.43 | 8.39 | 6.69 | 17.45 | 293.64 | 291.56 | 300.25 |
| 10. Other Industrial Materials (23) | 1240.86 | -0.3 | 13.62 | 6.60 | 8.49 | 62.04 | 1244.71 | 1250.97 | 1264.85 |
| 11. CONSUMER GROUP (178) | 1230.03 | -0.7 | 10.15 | 4.27 | 12.20 | 35.49 | 1211.54 | 1222.58 | 1266.15 |
| 12. Brewers and Distillers (22) | 1329.53 | -0.9 | 10.36 | 3.90 | 11.70 | 35.88 | 1345.49 | 1354.42 | 1404.43 |
| 13. Food Manufacturing (19) | 1016.36 | -0.6 | 11.36 | 4.95 | 10.86 | 31.12 | 1023.33 | 1038.64 | 1108.39 |
| 14. Food Retailing (16) | 2219.56 | -0.7 | 9.95 | 3.37 | 13.11 | 58.72 | 2234.19 | 2251.31 | 2259.89 |
| 15. Health and Household (18) | 2408.86 | -0.1 | 7.38 | 3.15 | 16.06 | 59.14 | 2407.01 | 2399.47 | 2436.36 |
| 16. Leisure (12) | 1229.66 | -0.7 | 12.41 | 5.40 | 9.80 | 44.64 | 1239.31 | 1232.41 | 1240.66 |
| 17. Leisure & Entertainment (12) | 1229.66 | -0.7 | 12.41 | 5.40 | 9.80 | 44.64 | 1239.31 | 1232.41 | 1240.66 |
| 18. Packaging & Paper (12) | 2793.53 | -0.7 | 11.89 | 6.32 | 10.56 | 139.88 | 2792.47 | 2794.01 | 2950.99 |
| 19. Publishing & Printing (13) | 3312.09 | -0.4 | 11.89 | 6.32 | 10.56 | 139.88 | 3312.09 | 3312.09 | 3312.09 |
| 20. Textiles (12) | 811.39 | -2.3 | 10.52 | 4.48 | 12.35 | 25.63 | 830.25 | 840.45 | 840.45 |
| 21. Utilities (12) | 430.99 | -0.7 | 13.70 | 8.24 | 9.25 | 26.32 | 435.89 | 429.11 | 426.93 |
| 22. OTHER GROUP (164) | 493.38 | -0.7 | 12.64 | 5.79 | 6.40 | 25.65 | 490.74 | 490.41 | 501.67 |
| 23. Chemicals (24) | 1049.29 | -1.0 | 12.92 | 6.43 | 9.13 | 50.79 | 1059.81 | 1059.67 | 1063.06 |
| 24. Conglomerates (14) | 1367.14 | -0.2 | 12.99 | 7.67 | 9.24 | 41.19 | 1369.38 | 1378.02 | 1403.00 |
| 25. Transport (15) | 1882.76 | -0.6 | 13.87 | 5.51 | 8.89 | 72.05 | 1884.26 | 1882.08 | 1904.73 |
| 26. Telephone Networks (3) | 1138.73 | -1.0 | 11.75 | 4.46 | 11.06 | 26.09 | 1149.30 | 1156.82 | 1174.60 |
| 27. Water (10) | 2105.15 | -0.8 | 13.76 | 6.43 | 8.22 | 48.12 | 2121.90 | 2131.84 | 2162.76 |
| 28. Miscellaneous (26) | 1504.82 | -0.7 | 12.44 | 5.89 | 9.34 | 63.59 | 1515.71 | 1514.06 | 1525.36 |
| 29. INDUSTRIAL GROUP (477) | 1022.73 | -0.7 | 11.36 | 5.26 | 10.26 | 35.60 | 1029.97 | 1028.83 | 1038.47 |
| 30. OIL & GAS (21) | 2955.57 | -0.1 | 9.50 | 5.40 | 13.75 | 95.39 | 2958.08 | 2943.85 | 2938.12 |
| 31. 500 SHARE INDEX (500) | 1131.61 | -0.6 | 11.57 | 5.28 | 10.48 | 40.42 | 1138.76 | 1136.62 | 1145.18 |
| 32. FINANCIAL GROUP (102) | 726.36 | -1.3 | 6.56 | 6.42 | 34.02 | 735.82 | 727.43 | 731.50 | 808.29 |
| 33. Banks (9) | 776.61 | -0.7 | 21.06 | 6.42 | 6.22 | 42.08 | 794.01 | 782.57 | 841.77 |
| 34. Insurance Life (7) | 3312.09 | -0.4 | 11.89 | 6.32 | 10.56 | 139.88 | 3312.09 | 3312.09 | 3312.09 |
| 35. Insurance (Composite) (6) | 645.00 | -0.4 | 6.43 | 6.43 | 32.08 | 47.86 | 678.99 | 678.99 | 692.11 |
| 36. Insurance (Brokers) (8) | 972.23 | -0.4 | 7.70 | 6.62 | 16.83 | 48.39 | 978.37 | 978.37 | 978.37 |
| 37. Merchant Banks (7) | 355.12 | -0.1 | 5.46 | 5.75 | 24.42 | 14.24 | 355.41 | 354.73 | 354.73 |
| 38. Property (44) | 71.68 | -1.9 | 7.68 | 3.04 | 11.06 | 26.09 | 71.68 | 71.68 | 71.68 |
| 39. Other Financial (21) | 249.58 | -0.1 | 11.32 | 7.23 | 11.30 | 24.28 | 249.58 | 249.58 | 249.58 |
| 40. Investment Trusts (70) | 1008.65 | -0.6 | 3.94 | 3.94 | 28.74 | 1001.13 | 1012.15 | 1011.83 | 1049.48 |
| 41. Overseas Traders (2) | 1179.80 | -0.2 | 12.16 | 7.83 | 9.84 | 70.90 | 1181.57 | 1180.44 | 1203.52 |
| 42. ALL-SHARE INDEX (677) | 1031.25 | -0.7 | 11.36 | 5.26 | 10.26 | 35.60 | 1029.97 | 1028.83 | 1038.47 |
| 43. FT-SE 100 SHARE INDEX | 2144.31 | -15.2 | 2159.41 | 2157.71 | 2159.51 | 2151.91 | 2170.51 | 2171.91 | 2236.31 |

RISES AND FALLS YESTERDAY

| British Funds | Rises | Falls | Same |
|--|-------|-------|-------|
| Corporations, Dominion and Foreign Bonds | 21 | 34 | 16 |
| Industrial | 77 | 175 | 494 |
| Financial and Properties | 16 | 25 | 50 |
| Government | 36 | 23 | 109 |
| Others | 36 | 58 | 111 |
| Totals | 367 | 707 | 1,784 |

LONDON RECENT ISSUES

| EQUITIES | | | | | | | | | | | |
|-------------|-------------|------------|------|-------|----------------------|--------------|------|-----------|-------------|-------------|-----------|
| Issue Price | Amount Paid | Least Size | 1990 | | Stock | Change Price | 1989 | Max. Htr. | Times Cov'd | Gross Yield | P/E Ratio |
| | | | High | Low | | | | | | | |
| 150 | F.P. | -- | 160 | 150 | Stratton Resources A | 150 | -- | -- | -- | -- | -- |
| 2 | F.P. | -- | 25 | 20 | Telcel Svcos In | 25 | -- | -- | -- | -- | -- |
| 2 | F.P. | -- | 20 | 15 | and M.I. Inc | 20 | -- | -- | -- | -- | -- |
| 10 | F.P. | -- | 17 | 8 | 3Parametric Sys | 10 | -- | 15.0 | 2.4 | 6.1 | 8.5 |
| 30 | F.P. | -- | 35 | 31 | Opticon Co | 30 | -- | -- | -- | -- | -- |
| 10 | F.P. | -- | 10 | 8 | 2000 Comm. Inc | 10 | -- | -- | -- | -- | -- |
| 10 | F.P. | -- | 10 | 7 1/2 | 2000 Comm. Inc | 10 | -- | -- | -- | -- | -- |
| 10 | F.P. | -- | 10 | 7 1/2 | 2000 Comm. Inc | 10 | -- | -- | -- | -- | -- |
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| 10 | F.P. | -- | 10 | 7 1/2 | 2000 Comm. Inc | 10 | -- | -- | -- | -- | -- |
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UK COMPANY NEWS

Tate rises 9% to £218m and halves borrowings

By David Owen

STRONG IMPROVEMENTS from UK sugar and US corn syrup and starches helped Tate & Lyle, the world's leading sweeteners group, to a 9 per cent advance to £218m in pre-tax profits for the year to September 28.

In the absence of major acquisitions, the year was characterised by a near-halving of net borrowings from £770.5m to £403.2m and a reduction in year-end gearing to 58 per cent (159 per cent).

"This year was a year to get our debt down and we have done it," said Mr Neil Shaw, chairman and chief executive.

Effectively, the decks have now been cleared for a bid for British Sugar, the beet refining subsidiary of Berrisford International. Nevertheless, Tate would "have to raise some more equity", if it did proceed with such a purchase, Mr Shaw said yesterday.

A proposed offer from the group was referred to the Monopolies and Mergers Commission in September. Just before European Community regulations on corporate takeovers took effect. Consequently, Tate will not know

until late-January whether it is free to enter the auction.

In the meantime, it risks having the prize snatched away from it by Mr Garry Weston's Associated British Foods or one of the European and American groups that Mr Shaw suspects of being in the running.

If a Tate-British Sugar merger were consummated, the combined company would have a 94 per cent share of the UK sugar market.

Mr Shaw insisted yesterday that the acquisition of the Berrisford subsidiary was "not critical" to Tate, "although we would certainly like to be approved".

Yesterday's result, achieved on turnover down 1 per cent to £3.43bn (£3.47bn), compared with pre-tax profits of £200.4m in 1989.

The group was helped by a reduction to £61.3m (£70.2m) in net interest payable. Profit before interest rose by a relatively pedestrian 3 per cent.

Exchange fluctuations impacted on pre-tax profits to the tune of £5m-£6m, the company said. But the inclusion of Amstar and Campo Ebro for

their first full year (versus nine months in 1989) effectively cancelled this out for the purposes of year-on-year comparisons.

At the pre-interest level, the best performances came from Staley, which contributed profits of \$172.4m (£100.8m) up from \$148.4m (£92.75m) and Tate & Lyle Sugars with £43.7m (£39.7m).

The group said that operating profit margins from North American sweeteners and starches had risen to 14.7 per cent (12.6 per cent), and from European and other cane and beet sugar to 8.6 per cent (7.9 per cent).

Below the line, Tate benefited from a tax charge reduction to 29.1 per cent (32.5 per cent), stemming from the release of provisions for deferred tax liabilities.

Fully diluted earnings per share advanced 12.7 per cent to 30.2p (26.8p). A final dividend of 6.7p (6.1p) was recommended, making a total of 10p (9p).

After rising sluggishly in early trading, the shares closed down 7p at 289p.

See Lex



Neil Shaw: Tate would have to raise equity to buy British Sugar

Menzies to quit board at General Accident

By Richard Lapper

GENERAL ACCIDENT, the composite insurer, is to part company with Mr Ian Menzies, the executive who led the company's ill-fated acquisition in 1988 of NZI Corporation, the New Zealand insurance and banking group. Mr Menzies is to resign from the GA board and step down as general manager at the end of the month.

Mr Menzies' departure comes as no surprise. One analyst said yesterday that "he was instrumental in the purchase of NZI bank - that is the beginning and the end of the story".

GA bought a 51 per cent stake in NZI for £264m in July 1988 and took full control last year as part of efforts to stem heavy losses. NZI was hit by a series of bad corporate debts, many of them triggered by the downfall of local investment companies after the 1987 stock market crash. GA has spent about £450m on NZI with acquisition costs and operating losses taken into account.

But the resignation also signals a broader shift in General Accident strategy since the appointment of Mr Nelson Robertson as chief general manager at the beginning of this year, in which it re-emphasised operating strengths of sound underwriting and tight administration.

A review of operations has led to a "general tightening up all round" according to another analyst. Mr Barry Holder, the general manager in charge of finance, has assumed greater responsibility this year.

Mr Menzies, a corporate financier, joined GA from the merchant bank, Schroders, where he handled GA's account. He was associated with a period of diversification and expansion.

As well as NZI, GA bought the Canadian insurer, Pilot, in 1986, and bought up a network of some 500 estate agencies as part of moves to diversify the distribution network for life and pension products.

Although the Pilot acquisition is regarded as successful, GA, like other insurance companies, has made heavy losses on its estate agencies.

Strong banking performance lifts Hambros to £43m

By David Lascelles, Banking Editor

HAMBROS, the City of London merchant banking and financial services group, increased its interim profits by 19 per cent, helped mainly by a strong showing on the banking front.

The result was better than expected and went against the downward trend reported recently by other merchant banks.

In the six months to September 30, Hambros earned £42.5m before tax, up from £35.8m in the same period last year. But earnings per share were down from 15.7p to 15.4p because of new shares issued for an acquisition in August.

The interim dividend is up 11 per cent to 4p.

The profits from banking rose to £22.8m (£21.28m). Mr Chips Keswick, chief executive of banking, said that all 10 streams of business produced a profit. Particularly strong were big-ticket structured leases which had become an attractive source of finance for companies after the downturn in other markets. Good profits had also been earned from the Australian dollar bond market, treasury activities and money transmission.

The group's retail financial services, consisting of Hambros Countrywide, the estate agency

chain, had already been announced. They showed a profit of £1m compared to a loss of £5.4m.

Mr Christopher Sporborg, chief executive of non-banking activities, said the housing market had improved slightly since October but there was still a large inventory of unsold houses. Hambros Countrywide might be interested in buying parts of the chain of estate agents now being sold by the Prudential, he said.

Direct investments by the group yielded £17.3m, compared with £23.6m.

Mr Charles Hambro, group chairman, said that the current political and economic uncertainties made it both unwise and difficult to comment on the outlook for the second half. But the group's banking ratios and liquidity remained very satisfactory, he said.

It was unlikely that investment results could sustain recent levels, but Hambros Countrywide was well placed to benefit from any upturn in the housing market.

Mr Keswick and Mr Sporborg both become joint deputy chairmen of the group following the resignation of Mr John Clay as deputy chairman. Mr Clay remains a non-executive director.

DIVIDENDS ANNOUNCED

| | Current payment | Date of payment | Corresponding dividend | Total for year | Total last year |
|-------------------|-----------------|-----------------|------------------------|----------------|-----------------|
| All Leisure | 3.1 | Jan 28 | 1.5 | 4.6 | 3.1 |
| Alfa | 1 | Apr 29 | 1.5 | 2.5 | 2.5 |
| Carroll FJ | nil | - | 4.1 | 4.1 | 3.2 |
| Chancery | 2.8 | - | 2.1 | 4.9 | 9 |
| Dunedin Worldwide | 6.5 | Jan 23 | 3.5 | 10 | 7.5 |
| Hambros | 4 | Jan 15 | 3.6 | 7.6 | 11.5 |
| Kwik Save | 2.4 | Jan 12 | 7.5 | 9.9 | 10.5 |
| Maxwell Comics | 7 | Apr 3 | 6.5 | 13.5 | 15 |
| Multimedia Elect | 0.75 | Jan 14 | nil | 0.75 | 1 |
| North West Water | 6 | Mar 4 | - | 6 | 10.47 |
| NSM | 0.5 | Mar 1 | - | 0.5 | 3.5 |
| Shimoda & McEwan | 10.2 | Jan 16 | 8.5 | 18.7 | 22.5 |
| Tate & Lyle | 6.7 | Feb 5 | 6.1 | 12.8 | 8 |
| Trinoco | 0.5 | Jan 31 | 0.6 | 1.1 | 1.4 |
| Versen Int | 0.37 | Feb 1 | 0.21 | 0.58 | 0.51 |
| Wagon Int | 8.25 | Feb 20 | 8.78 | 17.03 | 16 |
| Woolol | nil | - | - | - | 1.5 |

Dividends shown pence per share net except where otherwise stated. *Equivalent after allowing for scrip issue. †On capital increased by rights and/or acquisition issues. ‡£100 stock. §For nine months period. ¶Payment of final dividend of 5.1p represents annualised dividend of 4.7p per share. £100 currency throughout. ††For 18 months. mr,2

French bank petitions over Polly Peck credit letters

By Raymond Hughes, Law Courts Correspondent

A FRENCH bank complained to the High Court yesterday about the administrators of Polly Peck International.

Credit du Nord, part of the Paribas banking group, had issued two standby letters of credit for goods supplied to Polly Peck or Vestel, its Turkish electronics subsidiary: one for Y300m (£1.18m) to Space Corporation; the other for \$2.02m (£1.02m) to Philips Electronics Industries (Taiwan).

Mr John Lindsay, QC, for Credit du Nord, told Mr Justice Morritt that the bank risked having to pay Space and Philips for goods supplied to Vestel since Polly Peck entered administration on October 25. The bank was trying to avoid finding itself an unsecured creditor, Mr Lindsay said.

The administrators would not tell the bank whether pay-

ments would be reimbursed, said Mr Lindsay.

Mr Michael Crystal, QC, for the administrators, said investigations into dealings with Space and Philips were not complete. Both suppliers had indicated that they would ship no more goods under the letters of credit, he said.

The bank is asking for orders requiring the administrators to clarify the position as regards post-administration shipments from the two suppliers and, if appropriate, either to pay the suppliers or set aside funds to reimburse the bank. Or, the administrators should be ordered to notify Space and Philips that Polly Peck did not intend to pay for goods and that further shipments should not be made to Vestel.

The hearing continues today.

New call on water regulation

By Andrew Hill

NORTH WEST WATER yesterday suggested that the new environment secretary - named last night as Mr Michael Heseltine - should try to narrow the gap between the objectives of the privatised industry's principal regulators.

Earlier this week Northumbrian Water claimed it was "pig in the middle", caught between the National Rivers Authority's calls for rapid anti-pollution improvements, and the Office of Water Services' strict economic regulation.

North West, which announced a theoretical increase of 15 per cent in its interim dividend, said its relationship with the regulatory bodies at regional and national level was "developing well", but called for the environment secretary to bring the two regulators closer together.

Profits of £115m pre-tax were announced by North West, one

of four water groups in the FT-SE 100 index, for the six months to September 30. An interim dividend of 6p per share was declared.

The dividend compares with 5.2p, which would have been paid in the equivalent period had North West been a privatised company. In the first half of 1989-90, North West made £15m before tax, or £91m, assuming the industry's new capital structure had been in place at the beginning of April 1989.

In the period just reported group turnover rose from £347m to £387m and earnings per share increased from a profit of 22.8p to 30.3p.

COMMENT

North West was one of the water industry's less efficient operators before privatisation, so it is probably finding it easier to rein in costs than

Northumbrian, which was one of the most efficient. None the less, a cost increase of just 8 per cent in the first half helped the group produce profits ahead of expectations. Some analysts seem concerned by North West's acquisition strategy, which kicked off earlier this month with the £51m purchase of three process engineering companies in areas related to the core unregulated business. To other observers, however, the strategy looks characteristically cautious. In any case, North West should make £215m before tax for the full year. The group claims that its dividend policy is unaffected by the generosity or otherwise of its rivals, so it seems unlikely to splash out on its dividend without good reason. The partly-paid shares - look 2p at 283p yesterday - look relatively attractive on a prospective yield of 7.5 per cent.

FOUNDATION FOR THE FUTURE

Interim Results For The Six Months to 30 September 1990



- Improved cost control, efficiency and profits
- Further progress in meeting higher customer service standards
- Annual £400 million investment programme on schedule
- Restructuring and acquisitions strengthen the business

"The half-yearly results show the impact of tight control of operating costs and efficiencies, which has produced strong profit growth to support the investment programme and confirmed the underlying strength of the business.

We maintained water supplies to customers, without restrictions, during the second successive dry summer."

"Investment expenditure increased substantially, is progressing on schedule and the objectives for the year will be met. Real progress has been made in strengthening the business through restructuring and by the recently announced acquisitions."

"I am confident that the results for the full year will be very satisfactory."

W. Dennis Grove

W. Dennis Grove
Chairman

North West Water Group PLC

CONSOLIDATED PROFIT AND LOSS ACCOUNT

Six months to 30 September

| | 1990 | 1989 Actual | 1989 Pro forma |
|-------------------------------------|-------|-------------|----------------|
| | £m | £m | £m |
| Turnover | 287 | 247 | 247 |
| Operating profit | 98 | 79 | 79 |
| Net interest | 17 | (64) | 12 |
| Profit before tax | 115 | 15 | 91 |
| Tax | (7) | - | (10) |
| Profit after tax | 108 | 15 | 81 |
| Extraordinary items | - | (4) | (4) |
| Profit attributable to shareholders | 108 | 11 | 77 |
| Earnings per ordinary share | 30.3p | - | 22.8p |
| Dividend per ordinary share | 6.0p | - | - |

NOTES

RESULTS: The interim figures for the six months to 30 September 1990, which are unaudited, have been prepared on the basis of the accounting policies set out in the Annual Report and Accounts for the year ended 31 March 1990.

TAX: No liability to mainstream corporation tax arises. The charge to tax in the Profit and Loss Account is the write off of irrecoverable advance corporation tax on the payment of the interim dividend.

PRO FORMA ACCOUNTS: Pro forma profit and earnings per ordinary share on a net basis have been stated as if the capital structure introduced at flotation had been in place from 1 April 1989, and have been calculated after making adjustments for interest of £76 million and tax of £10 million.

DIVIDEND PAYMENT: The dividend will be paid on 4 March 1991 to shareholders on the register on 28 January 1991 and will absorb £21.3 million.

DAWSON HOUSE, GREAT SANKEY, WARRINGTON, CHESHIRE. WA5 3LW

Foreign exchange profits lift MCC 6% to £90m

By Andrew Hill

PROFITS at Maxwell Communication Corporation, the publishing group, increased 6 per cent from £85.1m to £90.1m in the six months to September 30, but that was after a £11m increase in foreign exchange profits.

The group's operating profits dipped from £104m to £103m and earnings per share fell from 10.2p to 10p.

However, Mr Robert Maxwell, the group's ebullient chairman and chief executive, said MCC was confident of a "satisfactory" outcome to the year and the board declared an increased interim dividend of 7p (6.5p). MCC's shares rose from 149½p to 154p in a weakening market.

In the last two years, MCC has transformed itself from a printing company with some publishing interests to a pure publishing company, but in the process the group has added to its debts.

MCC's net debt stood at £1.9bn on September 30 and the publisher said it would reduce that figure by at least £750m before the end of March 1991, through disposals and mergers of group businesses. MCC has already raised £258m through asset sales since the half-year.

MCC made no large asset disposals during the first half of the year and interest costs rose sharply, from £56.5m to £68.7m.

The increase was offset by the rise in net foreign exchange gains from £4.5m to £45.7m, thanks to debt management of the repayment of the group's \$3bn short-term syndicated bank loan.

At the end of last month, the group met the deadline for repaying \$900m of that debt, which had helped fund the acquisition of Macmillan, the US publisher, and Official Airline Guides last year. The next

\$750m tranche must be repaid by October 1992, and a final tranche of \$1.2bn by October 1994.

The US acquisitions helped boost operating profits from £71.8m to £106m. On a comparable basis, operating profits from publishing and information services in the US would have increased by 12.5 per cent. School and college publishing was the biggest contributor to profit, making £44.8m (£36.3m), but profit from information services and electronic publishing more than doubled to £39.4m (£18.4m).

MCC revealed that it had lost £22m on the disposal of its 21 per cent stake in De La Rue, the banknote printer, which was completed this month. The loss was dealt with in the full-year accounts.

See Lax

Shanks 25% rise ahead of City expectations

By Juliet Sycharva

SHANKS & McEWAN, the construction and waste management group, yesterday announced pre-tax profits of £10.4m for the half year to September 23, up 25 per cent on the previous £8.3m and slightly better than City expectations.

Earnings per share rose 20 per cent to 31.6p (26.3p), and the interim dividend is lifted by a like percentage to 10.2p (8.5p) in line with policy.

Turnover was marginally down at £57.28m, against £58m at the end of the half. The result of the expiry of civil engineering contracts in the construction division.

However, order books were now full, and turnover for that division for the year was expected to be broadly similar to last time, said Mr Peter Runciman, chairman.

Turnover rose 22 per cent in the higher margin waste disposal business, which typically contributed close to 90 per cent of profits; the full year figure was likely to increase by a similar factor.

Pre-tax profit on the waste side was up by over 30 per cent, mainly stemming from increased prices and a better mix of business, with more volumes of difficult, high margin waste. Total tonnage handled was only up by around 7.5 per cent. "We control costs extremely carefully. Everything else is price," said Mr Roger Hewitt, managing director.

The overall margin on turnover increased as a result of the higher contribution from the waste business. Margins for handling difficult wastes can be well above the return of approximately 20 per cent on ordinary refuse.

COMMENT

The heading "where there's a will, there's a way" in a recent BZW report on the waste management sector rings true for Shanks & McEwan, a company unlikely to find itself short of a bit of brass. Imminent and stringent EC legislation on landfill, together with the UK Environmental Protection Act, should stimulate demand for the company's high quality landfill sites, and there should be scope to charge for that quality in the long-term. The company's reputation means it is well-placed to implement its plans to move upmarket into handling difficult waste. However, on a prospective p/e of 18 on forecast profits of £21.8m it is a long-term quality holding rather than a buy. The negligible gearing and cash-generative nature underpins expectations of a healthy final dividend.

Glaxo in Canadian joint venture

By Clive Cookson

Glaxo, the largest UK pharmaceutical company, is forming a joint venture with IAF BioChem of Canada to commercialise future drugs for cancer and viral diseases.

Glaxo also agreed to buy £11m worth of IAF BioChem shares over 18 months. It has a two-year option to purchase a further £14m worth, which if exercised would give Glaxo a 20 per cent stake.

The agreement gives the company world-wide access to discoveries resulting from IAF BioChem's research into cancer and viral diseases.

Glaxo has appointed its first woman director, Mrs Anne Armstrong - former US Ambassador in London - will be a non-executive director.

Competitor fails to halt Kwik Save's growth

By Maggie Urry

THE THREAT of price-cutting competition from a new competitor appeared not to have depressed Kwik Save, the discount food retailer, which reported annual profits up 16.5 per cent to £85.3m. However, the shares dipped 7p to 447p.

Referring to Aldi, the aggressive cut-price German food retailer which has opened a handful of shops in the UK, Mr Graeme Seabrook, chief executive, said that after some months, with Aldi trading in close proximity to five Kwik Save shops, "Aldi does not seem to be affecting our business at all."

He said the group was not complacent and was meeting Aldi's prices where it traded against Kwik Save.

Sir Timothy Harford, chairman, announced that Mr Simon Keswick, chairman of Dairy Farm International, the Hong Kong group which has a 25 per cent stake in Kwik Save, was joining Kwik Save's board as a non-executive. Sir Timothy said that since Dairy Farm

had taken its stake in July 1987 the relationship had been fruitful. "We see Dairy Farm as a friend and ally and not a predator," Mr Arthur Edwards, a long time Kwik Save director has retired because of ill-health.

The results showed that Kwik Save had managed to improve its operating margin in the second half of the year, after a dip in the first half, although for the year the margin fell from 5.8 to 5.6 per cent.

For the year to August 25 sales were 22.7 per cent up at £1.52bn and operating profits 17.2 per cent ahead at £30.4m.

Sales growth had included volume growth in comparable stores of 10.2 per cent, although this was slower in the second half than the first.

Interest receivable was £1.9m (£1.6m) and at the year end the group had cash of £33.2m (£39.5m). Capital expenditure of £61.1m was financed from cash flow and cash balances. Mr Simon Moffat, the group's new finance director, said



Graeme Seabrook: company is better positioned than before

COMMENT

The panic about the arrival of Aldi in the UK, and the expected appearance of other continental European food retailers, seems to have been overdone. Kwik Save has not been bounced into a widespread price war, and not only because Aldi seems to have found site-finding even more difficult than established retailers. Kwik Save's format, although still essentially "no-frills", seems far ahead of the Aldi formula. Kwik Save's change in strategy, begun in early 1988 - moving to scanning so enabling wider ranges of products, which in turn gives it the chance to grab a larger share of the shopper's weekly purchases and increase market share - puts Aldi far behind. Profits should top £100m this year and with a following wind could reach £104m, giving a p/e of 10.2, which like Kwik Save's prices, looks cheap against the classier superstore operators.

SE splits news areas on Monday

By Richard Waters

NEW ARRANGEMENTS for releasing price-sensitive news to the stock market will come into effect on Monday, in spite of continuing complaints from Reuters and other news agencies that they hinder competition.

The International Stock Exchange will divide its company news operation into two, separating its commercial news service, Topic, from its regulatory functions.

The move follows concern from the Office of Fair Trading that the exchange was using its regulatory role to make monopoly profits out of selling company news.

Under the new system, all companies will be required to give company announcements to the exchange first. It will then release the information

on its new regulatory news service (RNS).

Only when it has appeared on RNS - and the exchange has responded to confirm this - will a company be allowed to inform any other agency.

The separation at the exchange means that Topic will receive information from RNS at the same time as competing news agencies. This is designed to create a level playing field.

Reuters said yesterday that it remained unhappy with the arrangements and would prefer a system similar to that in the US.

This involves companies releasing information simultaneously to news agencies, allowing them to compete in putting the news out.

Mr David Ure, managing

director of Europe, the Middle East and Africa at Reuters, said the Stock Exchange proposal did not introduce any competition to the RNS and there would be no pressure on the exchange to act quickly.

Ms Christine Dann, head of company information at the International Stock Exchange, said it aimed to make all announcements within 15 minutes, although it would only achieve this if companies gave advanced warnings during busy periods.

She added that, by giving information to agencies under embargo, companies would be able to reconcile UK and foreign disclosure rules. She denied that such arrangements would increase the danger of insider dealing.

Wagon Industrial gains 14%

By Jane Fuller

WAGON Industrial Holdings, the engineering group, benefited from reduced interest costs following the £32.6m sale of its office equipment division and reported a 14 per cent rise in interim taxable profits.

The advance to £29.51m (£23.4m) came on a 9 per cent rise in turnover to £134.83m (£123.63m) in the six months to September 30. Interest costs were reduced from £1.7m to £772,000. More than £16m of turnover and £867,000 trading profit were attributed to the office equipment division, which was sold in July.

Continuing activities produced turnover of £118.44m

(£99.68m) and trading profit of £24.1m (£23.7m).

Fully diluted earnings per share rose to 15.5p (14.0p). The interim dividend goes up to 6.325p (5.75p).

COMMENT

Wagon looks set to be one of the few engineering companies to produce profits growth both this year and next, assuming the UK does not go into deep recession. The disposals are welcome, from the point of view of focusing the business and for the balance sheet. Although demand is down in the UK - by about 20 per cent on the materials handling side

- growth can still come from overseas sales and previous weak performance. With capital spending, which is likely to rise from £8m to £10m this year, the emphasis is on reducing unit costs. Mr Hudson warned that any wage rise above 4 per cent would have to be covered by productivity. To help restore the desired 50:50 split of turnover between the UK and overseas, a priority for acquisition is a materials handling concern on the continent.

Pre-tax profit is forecast to rise to £23m (£20.5m) this year. On yesterday's unchanged price of 345p, the prospective p/e is 9.4, a fair rating.

Lower margins and \$ hit NSM

By Richard Gourlay

NSM, the opencast coal mining company born out of Burnett and Hallamshire, reported interim profits sharply down following a fall in UK margins, the weakening of the dollar and a permitting delay in the US.

Pre-tax profits fell 32 per cent to £7.2m on turnover up 11 per cent at £97.8m but the company has declared an interim dividend for the first time since 1984 with a payment of 0.5p.

The drop in earnings per share to 2.04p (3.6p) was greeted by the market with a 10p fall in the share price to 55p.

The company was also hit by higher interest charges, up £220,000 at £3.8m. Gearing at the half-year stage was around 65 per cent.

COMMENT

Yesterday's gloomy results from NSM demonstrate how uncomfortable times are for companies which are exposed to the UK construction sector and dependent on US dollar earnings.

NSM are both. Add a UK coal sector in which British Coal is squeezing margins and a gearing level that could be heading for 65 per cent by year-end, and the market's

reaction yesterday was unsurprising.

On the plus side, better prices are likely for small UK coal miners, following pressure on British Coal by the European Commission, and Bison may soon start to benefit from a thinning out of capacity in the housing supply market.

Nevertheless, there can be few companies more anxious to see interest rate cuts.

Analysts are looking for full year pre-tax profits of around £22m, with earnings of 5.5p, giving a prospective multiple of 8.5 times.

Lower car sales cause 40% decline at Trimoco

By Jane Fuller

THE CONTINUED impact of the consumer spending squeeze on car sales reduced Trimoco's interim pre-tax profit by nearly 40 per cent to £1.71m.

The comparative figure of £2.9m for the six months to September 30 1989 was itself a 27 per cent drop on the previous year. This time turnover from the Dunstable-based motor distributor was down too, by 12 per cent to £133.3m (£150.73m).

Interest costs of £2.12m (£1.8m) were covered only 1.8 times by an operating profit of £3.83m (£4.61m).

Gearing was, however, cut to 65 per cent, mainly thanks to the increase of shareholders' funds following the conversion of loan stock and a £1.8m surplus from property revaluation. Mr Duncan Naughton, development and property director, said the upgrading of property values, only nine months after the previous review, had come as a "bit of a surprise".

Debt, which stood at nearly £26m, had also been reduced by about £1.3m through tighter control of stocks and debtors. Trading profit from the automotive division fell from

£2.55m to £2.66m. The group is 70 per cent dependent on Ford, which has been losing market share in the UK. Mr Naughton said the new Ford Escort had not taken off as well as hoped.

New car sales in August had been down by 13 to 14 per cent, as expected. September was worse. Margins were tight, especially as two thirds of sales were to company fleets.

Despite an improvement in October, he expressed great caution about the second half. A cushioning factor was that 58 per cent of dealership profit came from servicing, parts and bodywork.

Property profit inched ahead to £1.17m (£1.06m) as rental income from the group's own locations rose by nearly £300,000 to £942,000. Sales declined to £229,000 (£287,000). Fully diluted earnings per share fell to 0.85p (1.0p). The interim dividend is held at 0.6p.

The share price closed at 14½p yesterday, which compares with a net asset value per share of nearly 24p.

Following the loan stock conversion, the Saudi Arabian Jameel organisation's stake increased to nearly 30 per cent.



Profit before tax up 19%

Interim dividend up 11%

RESULTS FOR THE HALF YEAR ENDED 30TH SEPTEMBER

| | 1990 | 1989 |
|---|--------|--------|
| Profit before tax and minorities | £42.5m | £35.8m |
| Profit after tax and minorities | £30.1m | £29.1m |
| Earnings per share — basic | 15.4p | 15.7p |
| — diluted | 14.1p | 14.7p |
| Interim dividend per 20p ordinary share | 4.0p | 3.6p |

Attributable profit and fully diluted EPS broadly maintained

Banking profits increased by 20%

Balance sheet liquidity and banking ratios strong

Hambro Countrywide returned to profit

These results are unaudited. A copy of the interim report will be posted to shareholders. If you would like a copy please write to: The Company Secretary, Hambros PLC, 41 Tower Hill, London, EC3N 4HA.

WAGON INDUSTRIAL

Further progress achieved

| | Half year to 30.9.90 | Half year to 30.9.89 | Year ended 31.3.90 |
|--------------------|----------------------|----------------------|--------------------|
| Turnover | 134,824 | 123,434 | 270,255 |
| Pre-tax profit | 9,505 | 8,341 | 20,480 |
| Earnings per share | | | |
| — basic | 16.29p | 14.61p | 38.41p |
| — diluted | 15.50p | 14.06p | 35.43p |
| Dividend | 6.325p | 5.75p | 16.00p |

66 All divisions improved their profits compared with the first half of last year but a number of companies operated generally below capacity due to demand constraints... it is unlikely that a substantial improvement in the economic climate is about to occur. Based on present trends, we continue to expect that results for the year will show progress. 99

Paul D Taylor, Chairman

WAGON INDUSTRIAL HOLDINGS p.l.c.
Haldane House, Halesfield, Telford, Shropshire TF7 4PB.
Telephone: (0952) 680111

MATERIAL HANDLING & STORAGE • ENGINEERING
AUTOMOTIVE PRODUCTS

"The outstanding event of the past year was the successful reduction of Group borrowings, which had increased substantially to take advantage of key acquisition opportunities. A £299 million cash inflow, the result of successful sales of non-core businesses and the strong cashflow from the Group's operations, puts the Group in excellent financial shape."

Neil Shaw

Chairman & Chief Executive

TATE+LYLE

| PRELIMINARY RESULTS | 1990 | 1989 | % Change |
|------------------------------------|---------|---------|----------|
| Turnover | £3,432m | £3,465m | -1 |
| Profit Before Tax | £218.0m | £200.4m | +9 |
| Earnings Per Share - basic | 36.0p | 31.6p | +14 |
| Earnings Per Share - fully diluted | 30.2p | 26.8p | +13 |
| Dividends | 10.0p | 9.0p | +11 |
| Balance Sheet Gearing | 69% | 159% | |

Preliminary announcement of results for the 52 weeks ended 29th September 1990.

Copies of the Annual Report for the period ended 29th September 1990 will be posted to shareholders shortly and will be available from

N J Nighthale, Secretary, Tate & Lyle PLC, Sugar Quay, Lower Thames Street, London EC3R 6DQ.

Paterson Zochonis plc

1990

Summary of Results Year ended 31 May 1990

| | 1990 | 1989 |
|---------------------------|--------|--------|
| Turnover | 224.9m | 205.6m |
| Profit before tax | 25.0m | 23.4m |
| Profit after tax | 15.6m | 15.3m |
| Earnings per share | 30.51p | 30.14p |
| Total dividends per share | 9.45p | 8.60p |

1990 Review. Profit before taxation at £25.0m, was slightly higher than in 1989 with the improvement coming from operating profits and related companies. The increase in interest payable was matched by higher investment income.

The Nigerian operations performed well with the improvement in profits in local currency terms more than sufficient to offset the fall in value of the Naira during the year.

In the United Kingdom, Cussons made good progress with higher turnover, profit and market share in its major product categories. Cussons Australia and New Zealand showed further gains.

In Indonesia and Thailand progress continues to be made in strengthening the manufacturing operations and creating distribution networks. Elsewhere in South East Asia efforts are being made to extend existing distribution arrangements and develop new markets.

Current Year. In the current year the higher oil price, if sustained, will assist Nigeria but it is unlikely, at least in the short term, to allow for any significant easing of the pressures affecting local industry. Elsewhere in Africa the economies of those countries having to import their oil requirements will be badly hit and even the more developed areas of the world will be affected to varying degrees.

At present, returns from the various group operations indicate that results for the half year to 30th November 1990 should be broadly similar to those of the same period last year.

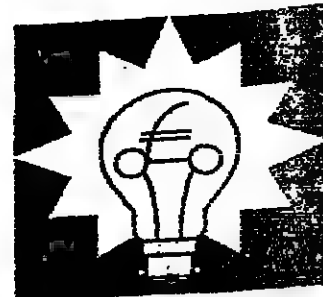


PZ PATERSON ZOCHONIS plc, BRIDGEWATER HOUSE, 60 WHITWORTH STREET, MANCHESTER M1 6LU
Africa, United Kingdom & Europe, Australia & Far East

UK COMPANY NEWS

Power structure switches to plug team approach

David Thomas on Midlands, a favourite in the City



PRIVATISATION

UNSPETACULAR AND unflashy, Midlands Electricity has emerged as a quiet favourite among many of the followers in the City of the 12 regional electricity companies.

"You cannot over-emphasise the importance which should be placed on management quality. And Midlands is a very well managed company," says one analyst who has been following the electricity privatisation.

Institutional investors have been impressed by Midlands' team approach to management - a philosophy often espoused by companies, but more rarely put into practice. Mr Bryan Townsend, the company's 60-year-old chairman, is happy to deflect the limelight from himself.

"You have to plan for the long term. It's no good having one man dominant. We have to plan for succession," he says.

The Midlands chairman has surrounded himself with a relatively young and well-regarded group of top managers including Mr Richard Young, managing director, and Mr Roger Murray, marketing director. Yet this does not reflect any weakness on the chairman's part: Mr Townsend's avuncular style is said by industry insiders to disguise a tough and effective manager. Indeed, old electricity hands believe that Mr Townsend was unfairly passed over for a regional company chairmanship for several years because his manner grated with ministers' Thatcherite style.

Midlands has also been careful to strengthen its management immediately below board level. Besides bringing in people from the private sector, Mr Townsend persuaded Mr Darrell Bevelhayer, marketing director of Texas Utilities, the largest power company in Texas, to move to Birmingham to negotiate Midlands' power contracts.

The company has recruited a 20-strong team of economists to model its local economy, believing this to be the key to understanding its prospects in the private sector: the amount of electricity travelling over its

local distribution network, where most of its profits are made, will depend on the economic fortunes of its home territory.

Mr Townsend argues that the region's economy is more resilient, thanks to the shake-out of manufacturing in the 1980s.

It boasts some growth points such as Telford new town and the prosperous rural belt around Gloucester - its local territory goes well beyond the traditional borders of the West Midlands.

Nevertheless, Mr Townsend accepts that his region is still a shade less robust than that served by East Midlands Electricity, its sister company. Midlands is still highly dependent on manufacturing and therefore particularly vulnerable to recession.

"The pattern in the past has been that we have tended to suffer more during recession and prosper more during a boom," acknowledges Mr Murray.

Mr John Wilson, electricity analyst at UBS Phillips & Drew, believes Midlands' local economy will perform badly

this year, followed later by growth in line with the national economy.

Some of the myriad of medium-sized factories in the region might also begin to generate their own electricity. The privatised framework makes this option more attractive to customers, but it would hit Midlands' core distribution business.

However, Midlands has anticipated this development by announcing plans for a new business installing small-scale own-generation plant for industry, known as combined heat and power.

On the negative side, Midlands still has a backlog of investment, reflected in the 46 per cent jump to £101.3m in its capital programme last year. The company relies on capital spending in the early 1990s as its region plunged into a recession which left stranded electricity assets as the region restructured.

Capital spending is forecast to increase by 8 per cent by 1994, as the company tackles the backlog, forcing it to increase its borrowings.

Meanwhile, the scope for further

their cost-cutting is limited since Midlands has already pared back its staff, Mr Young explains. "We did no differently than any other company in the West Midlands in the 1980s. We had a major review of our overheads."

Mr Townsend is irritated by suggestions that his company is one of the least exciting of the 12 regional electricity companies.

As evidence to the contrary, he points to Midlands' agreement to take 500 megawatts of power from the new ICI Energy power station on Teeside - the biggest stake yet by a regional company in an independent power producer.

But Midlands' attractiveness is precisely that it is middle-of-the-road, together with the other launch conditions set by the government, reflect the company's fundamentalist: they are sandwiched mid-way between the more vulnerable northern companies and the more prosperous southern concerns.

The 12 regional electricity companies are being marketed as safe investments, which will deliver steady, but unexciting earnings growth. Midlands is likely to fulfil this tag to perfection: it is a utility stock par excellence.

| Customer breakdown of sales | |
|-----------------------------|--------------|
| | Midlands (%) |
| Domestic | 53.8 |
| Commercial | 22.6 |
| Industrial | 41.3 |
| Other | 2.2 |

Source: UBS Phillips & Drew

Midlands Electricity



Bryan Townsend: surrounded by well-regarded managers

Publication dates of previous profiles

| | |
|---------------|--------|
| Eastern | Oct 9 |
| South East | Oct 18 |
| South Wales | Oct 23 |
| North | Oct 30 |
| Southern | Nov 6 |
| Manchester | Nov 13 |
| Northern | Nov 16 |
| London | Nov 20 |
| Yorkshire | Nov 22 |
| East Midlands | Nov 27 |

This is the 11th profile in the series on regional electricity companies. The final profile, on South Western Electricity, will appear tomorrow.

NEWS DIGEST

Verson pays \$6m for US acquisition

VERSON INTERNATIONAL Group, the West Midlands-based investment holding company, has conditionally agreed to acquire the Taylor-Winfield Corporation, a US-based engineering equipment manufacturer, for \$6.4m.

The company also announced pre-tax profits for the six months to July 31 ahead 18 per cent to \$563,000 compared with \$478,000. Turnover amounted to \$34.74m (\$25.31m) and earnings worked through at 0.61p (0.5p) per share. An interim dividend of 0.3p (0.21p) is being paid.

The acquisition will be by way of a merger between VIG, a subsidiary of Verson formed for the acquisition, and Denton & Anderson, the parent company of Taylor-Winfield.

Consideration will be satisfied by the issue to the vendors of 18.02m new 10p ordinary of which 6.44m have been conditionally placed at 35.5p per share.

Antares deficit cut to £744,000

Antares Group cut losses from \$331,000 to \$744,000 in the first half of 1990, reflecting continued rationalisation and the inclusion of 100 per cent of Mynos.

The directors of the group, formerly United Guarantee, said they continued to explore ways of developing the group into a profitable one, and the reorganisation was essential to reduce gearing and sell peripheral and non-performing businesses.

Bank borrowings would shortly be eliminated when the final proceeds from the disposal of Interlux and Precision Metalwork were received.

Loss per share in the half year came to 0.96p (1.97p).

Dunedin Worldwide net assets decline

The depressed state of world markets was reflected in a 25 per cent fall in net asset value of Dunedin Worldwide Invest-

ment Trust from \$18.5p to 48.7p in the year to October 31, 1990.

Net revenue for the period however, increased from \$2.87m to \$3.64m, after tax of \$1.6m (\$1.23m). Earnings per 26p share were 10.71p (8.43p) and the directors recommended a final dividend of 8.5p making a total for the year of 9p (7.5p).

Provisions of £3.5m put Chancery in loss

Provisions totalling more than £3.5m on its loan book turned Chancery into losses of £1.27m in the six months to September 30, against profits of \$3.88m in the first half of last year.

Mr Harvey Cohen, chairman and chief executive of the group, which is involved in commercial banking and related services, said the provisions were necessary because of falling property values. Only half of the loan book was property based and moves had been taken to restrict lending in this area. However, further provisions might be needed in the second half.

The loan book has decided not to pay an interim dividend - last year's payment at this stage was 3.1p.

Small increase at Optometrics

Optometrics Corporation, the USM-quoted optical systems group based in Massachusetts, lifted pre-tax profits from \$125,000 to \$134,000 (\$68,000) in the six months ended September 30.

Turnover advanced to \$1.88m (\$1.58m) and earnings rose from 0.9 to 1 cent. Mr Frank Denton, chairman, said that there was "some erosion of the order book among the OEM customers" and that it was prudent to take a cautious view of the second half.

Alba profits up 8% on comparable basis

Alba, maker of audio, video and consumer electronic equipment, which has changed its year end has produced a pre-tax profit of £1.05m for the six months to September which is an improvement of 8 per cent on the strictly comparable

period of the previous year.

Turnover of the group was up 48 per cent at \$26.8m. Tax took \$369,000 (\$346,000) and earnings per share rose from 1.71p to 1.88p actual and from 2.21p to 2.86p notional.

The company is paying an interim dividend of 1p (1.5p) and intends maintaining the dividend for the year as a whole (3.5p for nine months).

Property sale boosts Bexbuild to £0.56m

Taxable profits at Bexbuild Developments, the USM-quoted property investor, jumped from \$189,000 to \$555,000 in the half-year to September 30, thanks in most part to the realised surplus of \$411,000 on the sale of the investment property on Finchley Road, London.

The profit on ordinary trading activities was up at \$144,000 (\$129,000) on turnover of \$247,000 (\$1.06m). Mr Philip Shapiro, chairman, said that the decrease in turnover reflected the lack of trading activity in the property market generally. The turnover figure relates entirely to rental income received.

Earnings rose to 7.7p (5.3p) per share.

Wescol hit by contract losses

After providing for contract losses of nearly £1.2m, Wescol Group has seen its pre-tax profit cut from £1.48m to just \$60,000 in the year ended July 31 1990.

The group is a structural engineer and joined the USM a year ago. The losses arose principally from the appointment of receivers at Rush & Tompkins in April and at two other companies in July, explained Mr John Hicks, the chairman.

Loss per share was 0.5p (earnings 11.5p) and there is no final dividend, so the 1.5p

interim represented the year's payment.

Turnover rose from £19.5m to \$24.7m.

Multitone at £0.9m and cuts loan costs

Multitone Electronics, a designer and maker of specialised radio communications systems, raised taxable profits from \$73,000 to \$95,000 in the half year to October 31.

Benefits from new products launched the previous year led to a 6.5 per cent increase in turnover at £10.72m (£10.07m). Interest charges fell by 53 per cent from \$338,000 to \$158,000. After tax of \$95,000 (\$73,000), earnings per share worked through at 4.1p, against a loss of 0.4p. Interim dividend is 0.75p (nil).

The Leeds
LEEDS PERMANENT BUILDING SOCIETY

£50,000,000

Subordinated
Floating Rate Notes
Due 1998

Interest Rate:
13.70% per annum

Interest Period:
30 November, 1990 to
31 May, 1991

Interest Amount per
£500,000 Note due
31 May, 1991:
£34,156.16

Agent Bank
Barings Brothers & Co., Limited

PUBLIC WORKS LOAN BOARD RATES

| Effective November 7 | | Non-quota loans 7% repaid | | Non-quota loans 8% repaid | |
|----------------------|---------|---------------------------|---------|---------------------------|---------|
| Term | By 1991 | By 1992 | By 1991 | By 1992 | By 1991 |
| Over 1 up to 2 | 12 1/2 | 12 1/2 | 13 1/2 | 13 1/2 | 13 |
| Over 2 up to 3 | 12 1/2 | 12 1/2 | 13 1/2 | 13 1/2 | 12 1/2 |
| Over 3 up to 4 | 12 1/2 | 12 1/2 | 13 1/2 | 13 1/2 | 12 1/2 |
| Over 4 up to 5 | 12 1/2 | 12 1/2 | 13 1/2 | 13 1/2 | 12 1/2 |
| Over 5 up to 6 | 11 1/2 | 11 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 6 up to 7 | 11 1/2 | 11 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 7 up to 8 | 11 1/2 | 11 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 8 up to 9 | 11 1/2 | 11 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 9 up to 10 | 11 1/2 | 11 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 10 up to 15 | 12 1/2 | 12 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 15 up to 25 | 12 1/2 | 12 1/2 | 12 1/2 | 12 1/2 | 12 1/2 |
| Over 25 | 11 1/2 | 11 1/2 | 11 1/2 | 11 1/2 | 12 1/2 |

*Non-quota loans 8 are 1 per cent higher in each case than non-quota loans A. *Equal instalments of principal. *Repayment by half-yearly annuity (fixed equal half-yearly payments to include principal and interest). *With half-yearly payments of interest only.

IS YOUR COMPANY PREPARED FOR THE COMING SHORTAGES?

There is a natural resource without which no business can survive. Until now, it has constantly replenished itself to provide industry with all that it has required.

Supplies, however, are beginning to dwindle. It is estimated that fresh reserves will be down to four fifths of current levels by 1995. In an unprecedented situation, shortages are expected to become a reality over the coming years.

This vital resource is skilled people. And as every business person knows, when supply goes down the competition to satisfy demand becomes intense.

Which is where CIGNA can help. As one of the world's leading providers of employee benefits, we are already helping thousands of companies to keep and attract the right people.

Not through bigger cars, bigger salaries and bigger pensions. But with the types of benefit packages that can give your company a competitive edge.

Our Innovative programmes include high quality health care, dental care, permanent health insurance and life and accident cover. With their emphasis on personal protection, these benefits can demonstrate a real commitment to your employees' health and well-being.

As a result, your company can enjoy the benefits of increased staff loyalty and an ability to recruit more effectively. Just what is needed to be well prepared for the manpower shortages of the nineties.

For more information about CIGNA's employee benefits products and services contact Graham Bignall on 0800 181585.



MANAGEMENT: Marketing and Advertising

The international spirits industry is now poised to become one of the most prosperous consumer industries of the 1990s.

International luxury brands of spirits are almost everywhere gaining share from traditional local products in a world market which has shown little, if any, overall volume growth in recent years.

A trend to drinking less but drinking better is well established, reflecting both the health concerns of an ageing population in the US and western Europe, and rising incomes in south-east Asia.

Multinational groups, though often hampered by restrictive import policies, are seizing the opportunities offered by this changing pattern of consumption.

The four leading international groups - Allied Lyons, Grand Metropolitan, and Guinness of the UK, and Seagram of Canada - hold only 10 per cent of the world spirits market. But they own 60 per cent of the world's 100 best-selling and most profitable brands.

During the 1980s, they have increasingly switched the focus of their operations from production to marketing, enhancing products with brand images that appeal to status-conscious consumers.

In tandem, and particularly in the past few years, they have exerted increasing control over their distribution by forming, through acquisition and joint ventures, distribution networks that now cover all the world's major markets.

"While brand building is our paramount concern, strength in distribution is of critical importance to international brand development," says David Evans, chairman of Allied Lyons's Hiram Walker-Vintners (Northern Europe).

Without such strength, no brand with international pretensions can hope to make much headway, as is demonstrated by Highland Distillers' recent \$76m deal with Rémy Martin, the French cognac, champagne and liqueurs group, to widen overseas distribution of its famous Grouse Scotch whisky.

With it, the multinationals have reaped additional downstream profits from their brands by cutting out payments to agents, and they have been able to exercise much tighter control of both marketing and pricing strategy.

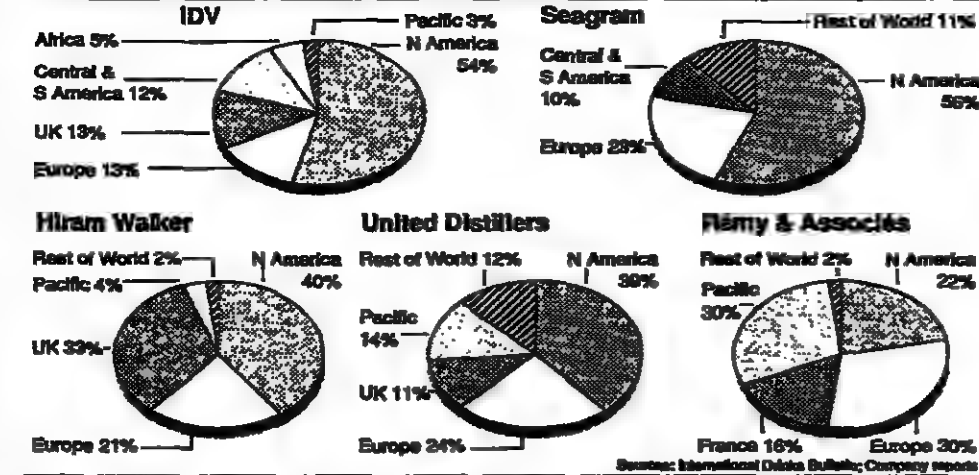
Without co-ordinated brand management, the results can often be damaging and some-

World spirits market

How firmer control boosts the margins

Philip Rawstorne on the value of distribution

SALES BY REGION OF TOP SPIRITS COMPANIES



times anarchic. Guinness's United Distillers, for instance, found after the takeover of DCI that its brands were being handled by 244 agents in Europe, all "doing their own thing" and sometimes in fierce competition with each other.

Johnnie Walker Red Label whisky, the most international of its brands, was supported by seven advertising campaigns, each with a different message.

Control of prices and margins gives the company the ability to decide what proportion of the margin should be put behind the brands and how it should be spent.

By setting its own prices, it can also combat more effectively the problem of "parallel pricing" - cut-price competition from unofficial suppliers.

Pursuit of these advantages - stimulated in the European Community by the advent of the single market - has led to a flurry of activity.

Five years ago, third-party agents handled more than 50 per cent of HW-AV's brands. Now they handle only 12 per cent of its sales volume.

United Distillers controlled 25 per cent of its distribution in 1987; now it is 80 per cent.

Grand Metropolitan's International Distillers and Vintners controls roughly the same proportion of its sales. In Europe, it has extended its

sway to over 94 per cent from 33 per cent four years ago. Over 95 per cent of Seagram's annual \$2.6bn sales now flow through its own distribution system.

Rémy Martin decided to create its own distribution network 15 years ago when it was still purely a cognac producer. Ralph Browning, chairman of Rémy & Associés, the group's distribution company, which now covers 165 countries, says: "We had very great difficulty in getting some of our agents to follow our marketing strategies. They wanted to go for volume, sell at a discount, and did not give a fig for the brand's image."

As Rémy started acquiring distributors in national markets, it found other benefits accrued. Browning says: "Without our own distribution system we would never have been able to expand into champagne (Krug and Heidsieck) and other drinks (Martell, Geyr and Galliano liqueur)."

The real cost of acquiring new brands is reduced if you can put them through an existing distribution system.

Seagram, which first began to establish a presence outside its North American base in the 1940s and 1950s, pursued a policy in Europe of acquiring national companies with strong local brands and then

grafting on to them its international brands - Chivas Regal, Seagram's gin, 7 Crown, Mumm champagne.

In countries where political requirements or wide cultural differences called for local management expertise, it formed joint ventures with domestic drinks companies. The first was in Venezuela in 1952. More notably since then, it has joined up with Kirin, a leading brewer in Japan; with Oriental Brewery in South Korea; and with others in Thailand and Taiwan.

"We supply the brands and marketing expertise; they supply the on-the-ground knowledge," says Ed McDonnell, president of Seagram International. "It minimises the risks and gives us more clout with the trade."

Like Rémy, Seagram has expanded its portfolio as it has extended its distribution, most recently acquiring Martell cognac. Because of its distribution strength, it has also become agent in some areas of the world for IDV and HW-AV, as well as several US groups.

For the late developers among the drinks groups, catching up with these pioneers has been one of the major tasks of the 1980s.

Grand Metropolitan's IDV, with brands such as J & B Scotch and Gilbey's gin,

pushed into the US in 1980 by buying Alfred Liggett, the tobacco group, for its drinks distribution companies, Padington Corporation and Carillon Importers. It strengthened its grip on the market with the acquisition of Heublein - which also owned Smirnoff, the world's best-selling vodka - in 1987.

In Europe, IDV has bought stakes in Rémy Cointreau in France, and in Chisano, the Italian vermouth company, and set up joint marketing arrangements with them in several countries. It has since acquired Sambuca Romana in Italy, and Chisano's vermouth, and a few weeks ago completed its EC network with the \$100m purchase of AED, its agent in Spain for the past 27 years.

"Our primary concern is to ensure that as good a job as possible is done for the brands," says Tim Ambler, IDV's joint managing director.

In some instances, old associations with family-owned companies cannot be bettered. HW-AV is now entrusting its recently-acquired Beefeater gin in Spain to the Domecq sales force which in the past 10 years has boosted sales of its Ballantine's Scotch whisky from 160,000 to 1m cases.

As premium spirits brands have become more expensive to acquire, the drinks groups have turned increasingly to joint ventures as a means of filling gaps in both their portfolios and their distribution networks.

HW-AV has gained entry to the rich Japanese market through a joint venture, cemented by reciprocal equity stakes, with Suntory, that country's largest drinks group. Joint ventures have featured strongly in the distribution strategy of United Distillers.

The centrepiece of its international network is its alliance with the French group, Louis Vuitton-Moët Hennessey, which has put together a formidable array of the world's number one brands: Johnnie Walker Scotch whisky, Gordon's gin, Hennessy cognac, and Moët & Chandon champagne.

"With partners who share the same marketing objectives and philosophy, and who bring complementary brands together, the advantages are enormous," says Tony Greener, IDV's managing director. "Both partners can achieve a substantial change in terms of scale and market presence without investing vast amounts of money; and when it comes to solving problems, two heads are often better than one."

Direct mail

Pan-European - in theory

Alice Rawsthorne explains that despite the advent of 1992, successful campaigns will still rely on niche markets

The next time a letter from Time Life or American Express lands through your letterbox, take a look at the postmark. If you live in Europe, it is very likely to have come from the Netherlands.

Time Life and American Express both began to market their direct marketing programmes on a pan-European basis. They print copies of their subscription offers or insurance brochures in different languages and mail them from the Netherlands - where international postal rates are cheapest - across the continent.

Traditionally direct marketing has been a national discipline. A plethora of problems - language barriers, custom restrictions, and, most important, different levels of regulation in different countries - have made it too costly and complex to execute pan-European campaigns.

Some of these problems - custom restrictions and regulatory differences - should disappear after the introduction of the unified market in 1992. This should, so the optimists in direct marketing hope, encourage more companies to invest in direct marketing across Europe.

Direct marketing is the umbrella term for all the different marketing techniques used to elicit direct responses from customers. It includes everything from direct mail, to telephone selling and mail order advertising.

The European industry - which is dominated by the direct marketing subsidiaries of international advertising agencies such as Ogilvy & Mather, Foote Cone & Belding, Grey and Saatchi & Saatchi - expanded rapidly in the 1980s.

The trend towards niche marketing encouraged companies to divert expenditure away from traditional mass marketing techniques. Advances in information technology helped them to be more accurate at identifying targets for direct mail campaigns. The growth of consumer credit and introduction of "800" free-phone numbers made it easier for consumers to respond to direct marketing offers.

Yet whereas other forms of

marketing - notably advertising and, to a lesser extent, design - became more internationalised in the 1980s, direct marketing continued to be a national discipline.

This is partly because direct marketing is, by definition, a tightly targeted form of marketing aimed at clearly defined groups. Yet there are also practical problems that deter companies from adopting a pan-European approach.

Language is an obvious difficulty. The cost of producing direct mail literature and mail order catalogues in different languages is prohibitively high, particularly as clients lose the benefits of economies of scale in production.

Custom handling also makes it difficult for companies, especially mail order advertisers, to send goods across as do the logistical problems of different VAT rates and address formats.

Very strict data protection laws

Regulations over direct marketing vary from country to country. Data protection laws are very strict in West Germany, but virtually non-existent in Spain and Portugal.

Some companies, such as American Express and Time Life, have ignored these obstacles. However, Tim Godden, managing director of Wunderman Europe, part of the Young & Rubicam group, says that although some companies now adopt common European strategies they still implement their programmes on a local basis.

There are relatively few examples of fully fledged pan-European programmes, that have been run on a coordinated scale. These programmes tend to be restricted to the sale of highly specialised products to small groups. Godden cites the example of Du Pont which recently ran a pan-European programme from Wunderman's Brussels office targeted at 2,000 specialist chemical engineers.

After 1992 some of the old obstacles will be swept aside. The abolition of customs bar-

riers should make it easier for mail order companies to operate in other countries.

Data protection regulations will be unified after 1992. Earlier this year the European Commission issued a directive proposing to raise regulation across the community to the same level as West Germany.

Industry opinion is divided on the directive. Some, such as Miles Young, managing director of O&M Direct Europe, hope that higher standards will make the industry more sophisticated and clamp down on the cowboy "junk mail" operators that send out untar-geted, blanket mail shots.

Others, like Tony Coad, managing director of NDL International, a database company, are concerned that the new regulations are too strict. He fears it will be so difficult to gain access to data on consumers that targeting will become less accurate and junk mail less accurately increased. The European Direct Marketing Association is now lobbying against the directive.

Whatever the outcome, the old language and logistical problems that have inhibited pan-European direct marketing in the past will still exist after 1992.

The industry also faces the problem that relatively few client companies are structured - in terms of taking strategic and budgetary decisions - to conduct direct marketing on a pan-European basis.

Miles Young says European prospects are already the "fastest growing" part of O&M Direct's business, but that most of the demand comes from US companies which already use direct marketing in North America, not from European companies.

The more cautious members of the industry suspect that most direct marketing campaigns will still be conducted on a national basis and that there will still be relatively few pan-European programmes.

"There is bound to be an increase in pan-European direct marketing," says Tim Godden of Wunderman. "But if you ask me whether I expect to wake up on January 1 1993 to find direct mail from France plugging in my letterbox? The answer is no."

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In accordance with the terms and conditions of the notes, we hereby give notice that the U.S.\$ Libor for the period from 29th November 1990 to 29th May 1991 was fixed at 8.109375 giving the Interest Rate of 8.609375. On 29th May 1991 interest of U.S.\$10,821.51 will be due per U.S.\$250,000.

The Mitsui Taiyo Kobe Bank Limited
(London Branch)
Agent Bank
Dated: 29th November 1990

LEGAL NOTICES
K O CHAMBERS LIMITED
NOTICE IS HEREBY GIVEN, pursuant to Section 460 of the Insolvency Act 1986, that a meeting of the unsecured creditors of the above-named company will be held at The Russell Hotel, 128, St. James Street, London W1A 2AE, on Tuesday 4 December 1990 at 11.00 am for the purpose of considering the proposed voluntary arrangement of the company.

Notice is also given that the original copy of the report prepared by the Administrative Receiver under Section 460 of the Insolvency Act 1986, in relation to the proposed voluntary arrangement of the company, will be made available to the creditors of the company at the meeting.

Creditors are only entitled to vote if:

- (a) they have delivered to me at the meeting a copy of the report prepared by the Administrative Receiver under Section 460 of the Insolvency Act 1986, in relation to the proposed voluntary arrangement of the company;
- (b) they have delivered to me at the meeting a copy of the report prepared by the Administrative Receiver under Section 460 of the Insolvency Act 1986, in relation to the proposed voluntary arrangement of the company;
- (c) they have delivered to me at the meeting a copy of the report prepared by the Administrative Receiver under Section 460 of the Insolvency Act 1986, in relation to the proposed voluntary arrangement of the company;

Please note that the original copy of the report prepared by the Administrative Receiver under Section 460 of the Insolvency Act 1986, in relation to the proposed voluntary arrangement of the company, will be made available to the creditors of the company at the meeting.

Dated: 21 November 1990
K O Chambers Limited
Joint Administrative Receiver

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In accordance with the Terms and Conditions of the Debentures, the Interest rate for the period 30th November, 1990 to 31st December, 1990 has been fixed at 8 1/2% per annum. On 31st December, 1990 interest of U.S.\$4,947,000 per U.S.\$1,000 nominal amount of the Debentures will be due for payment. The rate of interest for the period commencing 31st December, 1990 will be determined on 27th December, 1990.

Agent Bank and Principal Paying Agent
ROYAL BANK OF CANADA EUROPE LIMITED

OBITUARY
ROBERT FRANK - On November 28th, 1990 peacefully at home. Edward. The Right Honourable The Lord Fraser of Stirling, aged 82. Funeral private. Memorial Service to be arranged later.

FT SURVEYS

Romania poised to play big role in region's investment game

By Daniel Arbess

MAKE WAY for a new entrant in the Eastern European competition for US and European investment - Romania, the Balkan nation of 23m and historically (in annual dollar terms) the US's largest trading partner in the region.

After last December's revolution, Romania got off to a slow start in terms of investor interest compared to its northern neighbours in Czechoslovakia, Hungary and Poland. Political instability is said to be the problem.

Although the December revolution successfully dislodged the dictator Ceausescu, observers were troubled by the bloodshed (including the summary execution of Ceausescu himself).

In recent months, the new government, led by Ion Iliescu, has been criticised for its use and threatened use of force to quell public dissent.

The resulting unfavourable press coverage has slowed tourist and business traffic to the capital and chilled technical and financial assistance discussions with the EC and various western countries.

Bucharest, however, says it is committed to democracy and human rights.

As the situation stabilises, aid and trade discussions should resume and western governments will reconsider Most Favoured Nation (MFN) status, along with access to trade finance credits, political risk insurance, and trade and investment protection agreements.

Meanwhile, the Romanians have taken impressive strides toward establishing a legal framework for foreign investment and rapid economic transformation.

For the prospective foreign investor, the centrepieces of this effort are a new decree-law on foreign investment, adopted on 30 March, 1990, a law on the reorganisation of state enterprises adopted on 7 August 1990, and a set of proposed legislative enactments and amendments now pending before the Romanian parliament.

The law on state enterprises features detailed procedures for transforming state enterprises into shareholding companies with government-appointed boards of directors. Thirty per cent of the shares of these companies will be distrib-

uted to the public at a nominal price. The rest will be sold at market value to domestic and foreign investors under the supervision of a newly established National Agency for Privatisation.

The criteria to be applied by the agency in selecting types and percentages of enterprises to be privatised, and valuation techniques, will be established in legislation now being finalised.

The state enterprise law also sets up a mechanism for the leasing of land and other state-owned property.

Such "concessions" will be granted to domestic and foreign investors on the basis of public auctions organised at the request of the ministry of trade and industry. Their maximum term is 20 years.

The good news is that Romanian tax rates compare favourably with those of neighbouring countries

The foreign investment law allows investors to establish joint ventures or 100 per cent owned domestic companies in all but a small number of "strategic" industries.

These companies are to be organised as joint stock or limited liability companies under existing and proposed company laws.

The establishment of a wholly foreign owned company requires "government" consent, although it is not immediately clear from the legislation which branch or agency.

Joint venture companies can be established with approval of the supervising ministry of the Romanian partner and the ministry of trade and industry. Romanian officials have indicated that a revision now being prepared will replace these approvals with a simple registration procedure.

Once established, joint ventures are free to operate completely outside the Central Plan (70 per cent of whose "targets" have already been eliminated, according to Romanian officials).

Accordingly, such companies can buy and sell domestically and abroad in the currency of their choice.

But there is a downside here. During the present period of transformation it may be diffi-

cult to find reliable sources of domestic supply.

If the experience in the Soviet Union and other soft currency economies in the region is any indication, surviving suppliers can be expected to take advantage of their own freedom and demand payment in hard currency from joint venture companies.

If a company manages to navigate these pitfalls and turn a profit, the good news is that Romanian tax rates compare favourably with those of neighbouring countries. Profits are taxed at an annual rate of 30 per cent (Czechoslovakia's rate is 40 per cent) after deduction for depreciation and reserve fund contributions (up to 5 per cent of invested capital).

There is an automatic exemption on income tax for

earn and retain foreign currency, and the availability of foreign currency for dividend distribution and remission.

Romanian companies with foreign capital participation may retain 100 per cent of their foreign currency earnings (the limit for domestic companies is 30 per cent, to be increased to 50 per cent early next year).

Surplus foreign exchange can be used to pay dividends to the foreign shareholder.

But what happens if the company has no foreign exchange surplus - what can the foreign shareholder do with it? Romanian law allows a foreign shareholder to convert up to 8 per cent of the foreign shareholder's "invested capital" will be converted to foreign currency by the Romanian Bank for Foreign Trade (BRFT) and may be used for reinvestment or to buy Romanian goods and services.

Meanwhile, a pending amendment would reportedly provide for total repatriation of profits, subject to a 50 per cent levy by the BRFT.

The government also plans to move quickly to make the lei convertible, beginning early next year with periodic rations and hard currency auctions which will be open to joint venture companies.

Keep an eye on Romania. With its large and hungry domestic market, access to the Soviet market and apparent commitment to market reforms, it promises to become a significant player in the region's investment and privatisation game.

The author is a lawyer with the American law firm of White & Case.

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A FINANCIAL TIMES SERIES: Part 10

EUROPEAN FINANCE AND INVESTMENT

LONDON



London's position at the head of Europe's financial centres is not expected to come under threat in the near future. However, the changes that are taking place in Europe and the recent upheavals in the City mean that the capital cannot take everything for granted. David Lascelles investigates

No room for complacency

AS A European financial centre, London has been in a class of its own for so long that it is hard to imagine it coming under threat. And it probably will not for some time - which is good news for the UK's invisible exports.

But the momentous changes that are taking place in Europe along with the upheavals which London itself has been through recently have at least alerted many people in the City of London that they can no longer take it all for granted.

"The message is clear: there is absolutely no room for complacency," says Sir Martin Jacob, the chairman of the British Merchant Banks and Securities Houses Association, a City trade group.

One of the City's main anxieties was settled only a few weeks ago with Britain's entry into the Exchange Rate Mechanism. Apart from calming the markets, it firmed up the UK's political commitment to Europe, which the City welcomed.

Mrs Thatcher's subsequent resignation only reinforced that view. Although she had been instrumental in bringing about momentous changes in the City during her decade in office, her tough stand on Europe had recently come to be seen as obstructing the City's wider interests on the Continent.

London has a strong and obvious claim to be the financial capital of the European Community.

Apart from the enormous size and diversity of its bank-

ing industry (more than 600 banks from 70 countries at the latest count), it is home to the multi-trillion dollar foreign exchange and Euromarkets. Its stock exchange is the world's most international, trading all the leading blue chip stocks from other markets.

While many other centres, such as Paris or Frankfurt, can increasingly boast similar services, and new ones like financial futures, London still outdistances them in the range of its markets: insurance, shipping and commodities, for example.

It is also home to skills which are increasingly sought after, such as merchant banking and investment management. Its professional services - law, accountancy, property, technology - are among the most highly developed in the world.

Above all, London possesses the right atmosphere of professionalism and openness which attracts financial service industries.

This is something it has acquired from centuries of experience, rather like a patina. It is reflected particularly in the sophisticated approach of the Bank of England, which is recognised by other central banks as a world leader in matters of supervision.

With all these attributes it might seem strange that there is even an inkling of doubt about London's future. But those who observe the changing markets closely point to several factors which should make the City wary.

One is a distressing tendency to shoot itself in the foot. Although the restructuring which the City went through at the time of the Big Bang in 1986 was seen as a necessary step to get rid of outdated chubbish practices, the resulting turmoil was highly damaging. The losses it caused have disillusioned many banks, particularly foreign ones, and given London a reputation as a dangerous market.

The regulatory crackdown which accompanied Big Bang has hurt its image as a hospitable centre, though efforts are being made to correct that.

Another blow was the local authority swaps affair which has left many banks, including foreign ones, nursing large losses.

Bankers are particularly angry because the House of Lords judgment which decided the case implied that contracts entered into in good faith can be nullified in the courts, shaking confidence in the City's legal underpinnings.

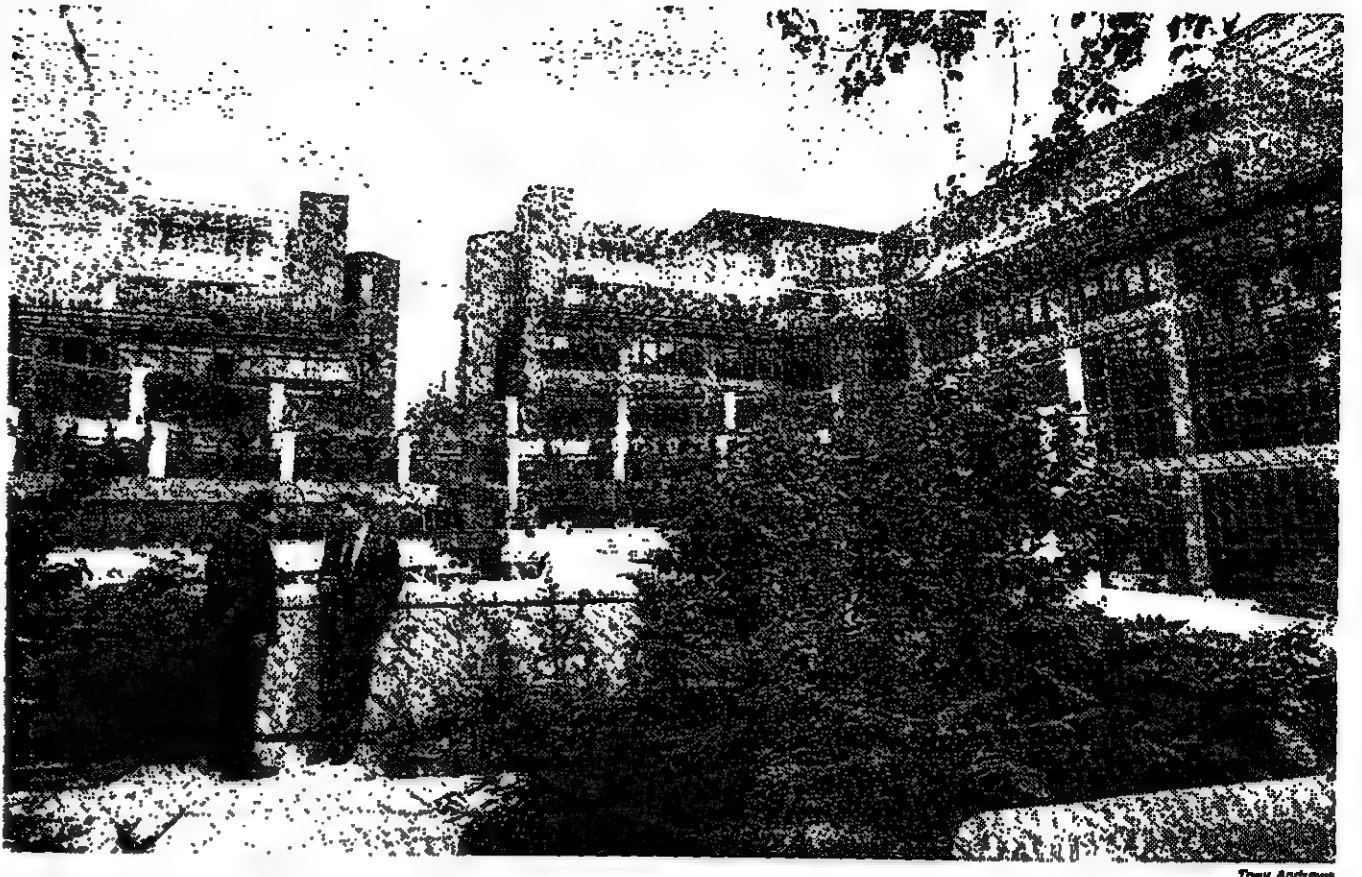
"It's a financial scandal - a potential landmark" says one French banker who feels the banks have been badly treated.

A further drawback is the high cost of doing business in London. Recent studies suggest that rents are 50 per cent higher than Paris and nearly twice as high as Frankfurt and Madrid. Salaries show similar gaps.

However those costs may ease with the surplus of both office space and labour which now hangs over the markets. Canary Wharf, the largest commercial development in Europe, opens next summer, aiming to become an extension of the City in the Docklands.

Another indirect cost of doing business in London is the appalling state of public transport and traffic, which takes its toll on people's nerves as much as their pockets.

London has never been very



The Broadgate development, next to Liverpool Street station, on the eastern border of the City

with a big new opportunity, and this is what the authorities and many institutions are working to exploit.

Since all non-EC financial institutions will have to establish a subsidiary somewhere in the EC to gain access to the single market, officials are determined to make London the obvious and most attractive place for them to do it. Mr Robin Leigh-Pemberton, the Governor of the Bank of England, said in a recent speech: "I am absolutely determined the City should remain the pre-eminent - not just leading, I mean pre-eminent - financial centre in this time zone."

The large size of the banking community must make it the logical place for banks, while the presence of Lloyd's must act as a draw for the insurance world.

Meanwhile, the stock

exchange is trying to promote the idea of a European Wholesale Market closely modelled on its SRAQ International trading system.

Although this would not necessarily put the EC equities market in London because modern-day electronic trading systems have no geographical home, it would speed the erosion of national stock markets, and would probably increase order flow through London where most of the EC's investment management expertise lies.

Two important recent developments demonstrated London's strong international appeal.

One was the decision of the Kuwaiti financial community to relocate itself in the City after the Iraqi invasion. The government-in-exile is managing that country's considerable wealth from London, and its

largest bank, National Bank of Kuwait, is applying to become a UK bank.

The second was the decision by the leading powers to locate the European Bank for Reconstruction and Development in London.

This bank will become one of the world's main investment institutions, and its presence in London ensures that the City will be closely involved in the refinancing of eastern Europe.

The one prize that would remove once and for all the City's doubts about itself would be the location of a future European central bank in the Square Mile, or at least its operating arm even if the policy-making headquarters was placed on the Continent. This will doubtless loom high in the City's mind as the EC monetary debate evolves in the coming months.

IN THIS SURVEY

- **BANKING:** Fortunes vary as recession bites; ■ **INSURANCE:** Capital's role under threat; ■ **COMMODITIES:** ■ **REGULATION:** Page 2
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- **SECURITIES:** The long shadow of Big Bang; ■ **FOREIGN EXCHANGES:** Facing the challenge; ■ **FUND MANAGEMENT:** Specialisation makes London a leading centre Page 4

The Impact of the free movement of capital

Prospects look less certain

THE euphoric reaction of the City of London to Britain's entry into the exchange rate mechanism in October was a clear sign of the financial community's enthusiasm about Europe.

But that reaction was linked more to the City's immediate concerns about the health of the financial markets than to its long-term prospects. Although 1992 is not expected to trigger immediate or extensive changes in the London market, the prospect of completely free movement of capital and financial services within the European Community must have profound bearing on the City's position. The question is, for good or bad?

Having started out on the road to 1992 in the confident belief that it was all to the good, London has recently looked less certain of itself, not least because of the turmoil created by the UK government's own deep divisions over Europe.

There are fears that in spite of Britain's membership of the ERM, business will drift to continental centres where there are better run and more stable markets, or that Germany will finally match its industrial might with similar strength in the financial field.

Much of the problem lies in the fact that London is such a clear leader that it can only yield some of that lead to others. Its strength has always been in the wholesale markets which operate without regard to borders.

Therefore the removal of barriers within the EC will not make much difference. Meanwhile, developments such as the creation of futures markets in Paris and Frankfurt, or the liberalisation of continental stock exchanges will chip away at London's lead.

The UK authorities, led by the Treasury, have tried to ensure that the various Brussels directives on financial services work to London's advantage by, for example, keeping regulation to the minimum. The Bank of England has also been pushing the City to modernise its markets, particularly by replacing paper-based trading with computers. But there are other, less discernible, respects in which 1992 is affecting the City.

The first is by making the City much more conscious of Europe. Traditionally its sights have been focused on Asia Pacific and North America. But increasingly the strategies



Sir David Scholey (left) describes Europe as the hub of S.G. Warburg's strategy while Hans Rieppel says many continental banks still prefer to locate in London

of its banks, insurance companies and brokers are aimed across the Channel.

Sir David Scholey, chairman of S.G. Warburg, the investment banking group, describes Europe as "the hub" of his group's strategy after a decade in which New York and Tokyo were his main overseas targets. The large clearing banks, such as Barclays and NatWest, which pulled in their horns in 1992, are also looking towards Europe.

North America, are seeking acquisitions in the EC. The International Stock Exchange is examining ways of expanding trading in European blue chip stocks.

The second respect is by forcing non-EC banking and broking institutions to decide where to establish their EC base in order to qualify for access to the single market. The first choice still seems to be London because bankers and brokers want to be part of the largest financial community - and London still has the reputation as the most open and flexibly regulated market.

Mr Hans Rieppel, managing director of Germany's DG Investment Bank in London says many continental banks prefer to locate in London because it gives them greater

credibility when trying to do business outside the EC. "For banks above a certain size, it is expected of you to have a presence in London," he says.

The third is by encouraging continental financial institutions to buy into the London market to acquire its special skills.

This year's £1bn acquisition of Morgan Grenfell by Deutsche Bank was the clearest evidence of this. Morgan is helping Deutsche Bank introduce UK merchant banking methods into Germany. WestLB has teamed up with Standard Chartered Merchant Bank for similar reasons.

Investment management is another area where continental banks have tapped into London's talents. The acquisition of Thornton by Dresdner Bank, of Tonche Remont by Société Générale, and of a 50 per cent stake in Foreign & Colonial by Bayerische Hypothek are typical of the continental interest in London's international investment expertise.

In a recent report on the EC single market, Salomon Brothers analysts said: "Seeking permanent access to superior fund management skills, several European banks have scrambled to buy UK fund management companies."

Ironically, Britain's entry into the ERM could actually hurt the City by reducing the very volatility of the financial markets which creates demand for its skills.

However, others argue that that is the short-term view which ignores the potential long-term benefits.

In particular, London has its eye on possible monetary

union, and the potential which that creates for new kinds of financial markets.

If a single currency is created, London would - in present conditions at any rate - be the logical central market where monetary operations were carried out. London has made a bid to be the centre of EC trading in the EC.

However, while the City prides itself on its international outlook, there have been tell-tale signs of underlying protectionism.

One was the reaction to a recent initiative by continental banks in London to set up an EC Bankers Association.

They argued that the trade groupings of the British Bankers' Association and the Foreign Bankers' Association were out of date.

Since all EC banks would come under the same regime in 1992 it was logical to channel this common interest into a single organisation.

Although the Bank of England said bankers could organise themselves as they wished, the UK banking community resisted the idea because they feared it would undermine their existing lobbies, and isolate the Bank of England.

Thus, even though the City's visible structures are not being greatly altered by 1992, its attitudes and its prospects both are. But both should be positive because the City has traditionally been quick to exploit the opportunities created by change.

David Lascelles, Banking Editor

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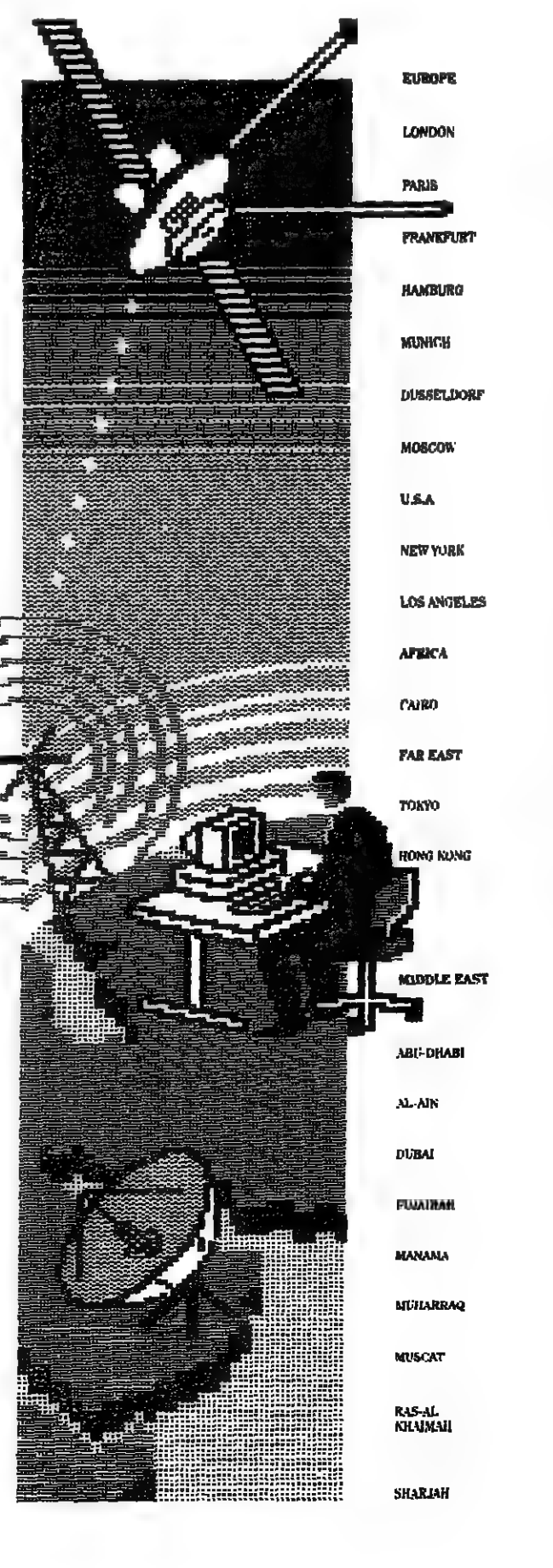
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LONDON 2

EUROPEAN FINANCE AND INVESTMENT

Many of the world's banks in London are cutting back, writes David Lascelles

Fortunes vary as recession bites

LONDON prides itself on having the largest and most diverse banking community in the world. In November, there were 415 foreign banks there, according to the annual tally by The Banker magazine.

That makes it something of a proxy for the world banking market where the fortunes of different types of banks from various countries can be measured. And these are not easy times for the London banking market.

The British banks are suffering as the recession pushes up the volume of bad debts. Many foreign banks are also being forced to cut back, particularly the Americans and the Japanese who account for a good part of them. Only the Continental banks seem to be reasonably optimistic.

The UK clearing banks are having their worst year in nearly a decade because of the rising tide of company failures, of which Polly Peck was the most spectacular. Their profits will be sharply down this year, and most of them seem fairly gloomy about the prospects for next year.

The merchant banks are also having a tough time because of the slump in takeover activity and the weakness of the securities markets. S.G. Warburg has just reported a 55 per cent drop in interim profits.

Although everybody knew that high interest rates would eventually tip the economy into recession, it all happened far more steeply than most people expected.

Many foreign banks have suffered through their exposure to the UK economy, particularly the property sector where their participation was strong but difficulties have been greatest. The most recent

| | FOREIGN BANKS IN LONDON | | | | | | | | | |
|-------|-------------------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|
| | US | | Europe | | Japan | | Arab | | Others | |
| | Total | Out In | Total | Out In | Total | Out In | Total | Out In | Total | Out In |
| 1980 | 71 | 2 1 | 141 | 3 21 | 24 | 0 0 | 15 | 0 1 | 128 | 3 12 |
| 1981 | 73 | 1 3 | 147 | 0 8 | 25 | 1 1 | 23 | 0 4 | 131 | 5 8 |
| 1982 | 77 | 0 4 | 153 | 0 8 | 29 | 0 4 | 26 | 0 3 | 144 | 1 14 |
| 1983 | 78 | 2 1 | 155 | 3 15 | 31 | 0 2 | 28 | 0 2 | 146 | 2 3 |
| 1984 | 75 | 1 0 | 158 | 6 9 | 35 | 0 4 | 35 | 0 7 | 146 | 2 3 |
| 1985 | 70 | 7 2 | 160 | 0 1 | 38 | 0 3 | 34 | 2 1 | 145 | 5 2 |
| 1986 | 68 | 3 1 | 164 | 3 18 | 40 | 0 2 | 34 | 2 2 | 136 | 8 1 |
| 1987 | 64 | 5 1 | 180 | 5 11 | 46 | 0 6 | 33 | 1 1 | 154 | 17 19 |
| 1988 | 59 | 8 3 | 201 | 5 16 | 50 | 0 4 | 36 | 1 4 | 132 | 3 4 |
| 1989 | 57 | 4 2 | 205 | 5 9 | 50 | 0 0 | 35 | 1 0 | 134 | 3 5 |
| Total | 33 | 18 | 32 | 114 | 0 | 26 | 7 | 24 | 38 | 53 |

Source: Bank of England

casualty was the Bank of Ireland whose \$12m loss in the UK contributed to the resignation of its chief executive. The fact that Polly Peck had nearly 50 foreign bank creditors underlines the problem.

Many foreign banks have been cutting back for domestic reasons. Chase Manhattan was forced to trim its London corporate banking and treasury operations as part of its overall recovery effort. Altogether, US banks in London shed more than 1,000 jobs this year, according to The Banker. The Australian banks have also been cutting back their City businesses.

The biggest question mark hangs over the Japanese banks which grew spectacularly fast during the 1980s and introduced fierce competitive pressure with the aggressive pricing.

The combination of the slump in the Tokyo stock market and balance sheet weakness has forced them to rein in growth in lending in London. So far this has not affected jobs. However, if a softer approach by the Japanese per-

mits banking margins to widen, that would be welcomed in the City.

To some extent, the cutbacks by foreign banks are a reaction to over ambitious plans in the 1980s, a decade which saw banks grow and diversify rapidly as they took advantage of City deregulation. Many of the

trade finance, or servicing the UK and European operations of their domestic customers is the bulk of their business. Regional US banks such as National Bank of Detroit (NBD) and CoreStates of Philadelphia, or Rabobank of the Netherlands are more representative of the typical foreign bank in London than Citicorp or Deutsche Bank.

Although many of the smaller banks say they make a profit in London, the stringent banking climate is expected to force some of them into a retreat. Observers say they would not be surprised to see the foreign banking community shrink over the next year or so, as branches are closed to save costs.

But a fresh banking wave is appearing from the direction of the Continent. With 1992 on the horizon, several European banks have made substantial acquisitions in the London market, particularly in merchant banking and funds management, where they see useful expertise on offer. Conspicuous among them are the German banks such as Deutsche Bank

markets which entered the equities business at the time of Big Bang in 1986 have pulled out, including all the largest US commercial banks, because of heavy losses and management problems.

London has thus been an expensive testing ground for banks, and the more high profile of them.

But there is also a large body of foreign banks which stick to conventional banking and seldom make news. For them,

and Dresdner Bank which stood aloof from the Big Bang. If 1992 reinforces London's position as the financial capital of Europe, this trend would continue.

The Bank of England has been keen to foster a big and diverse banking community. But this has also made the community much more difficult to manage, particularly now that times are hard and more banking clients are in difficulty.

In order to encourage a more systematic approach to problem companies, the Bank took an initiative earlier this year to introduce the so-called "London Rules".

These were intended to revive the spirit of older days when the City was smaller and bankers were more willing to co-operate to help out companies in difficulty.

The informal rules said it was in banks' interests to deal with problems in a calm and orderly way, since this increased the chances of companies being saved and loans being repaid.

The British banks welcomed the initiative, but a number of foreign banks saw it as an attempt by the Bank to tell them how to run their businesses, and reacted sharply.

One French banker accused the Bank of "acting like the Pope". The Bank denied vigorously that the rules were aimed at the foreign banking community.

The episode was significant because it highlighted some of the more negative points behind London's large banking role, and also the Bank of England's own diminishing ability to influence the behaviour of the banking community by informal means.

The attitude of London Underwriters, which unites 116 marine insurers under a single roof in Leadenhall Street, is also improving its global profile.

Most significantly, developments outside Lloyd's appear to have helped stimulate a more outward-looking mentality within Lloyd's because of the subscription basis of business in which a dozen Lloyd's syndicates will combine with an equivalent number of companies to write a small percentage of a particular risk or exposure - co-operation between the various markets has long been a feature of London market business.

There are signs that market leaders at Lloyd's are beginning to identify their own futures with that of the London market as a whole. Discussions with the companies over new technology is partially responsible. Having agreed to invite IBM to become the sole supplier of hardware, the market is co-operating over the development of claims systems and electronic trading networks.

At Lloyd's, the administrative back-up system is being computerised, allowing for a gradual improvement in business efficiency, and by the mid-1990s Lloyd's should have a purpose-built electronic trading system in place allowing brokers to place business with underwriters electronically.

The introduction of new technology should allow Lloyd's syndicates to begin to reduce their expenses which have risen sharply in the last 10 years and led to the erosion of what has traditionally been an important competitive advantage. New marketing initiatives are being introduced. The expected election of Mr David Coleridge, head of the Lloyd's agency business, Sturge Holdings, as chairman of Lloyd's in December, is symptomatic of the change. It underlines the growing importance of the biggest agencies such as Merritt Group and Sturge, who have been most active in pressing for change.

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LONDON is still the centre of the international reinsurance and specialised insurance business, but its dominance is under threat. Over the past 20 years European and North American underwriters have won more of the reinsurance marine and aviation insurance business. This is an area that London underwriters have traditionally regarded as theirs by right. Now the London market is beginning to fight back.

Following a decade which has been dominated by scandals, the authorities at Lloyd's of London are taking steps to improve the market's efficiency, develop new products and improve marketing. At the same time, the London market companies - specialised reinsurers and the reinsurance subsidiaries of leading international companies - are combining forces to develop a new underwriting centre. From early 1992, 90 companies will base their London underwriting operations at Minster Court.

The development of the London underwriting Centre, a seven floor office complex being nicknamed "Dracula's Castle" by underwriters, will be the most visible sign of London's desire to compete more fiercely.

According to the Mr Victor Blake, the chairman of CNA Reinsurance, who pioneered efforts to develop the centre, the LUC's recognition typifies a change in mentality among insurers in London. By allowing importance of the biggest agencies such as Merritt Group and Sturge, who have been most active in pressing for change.

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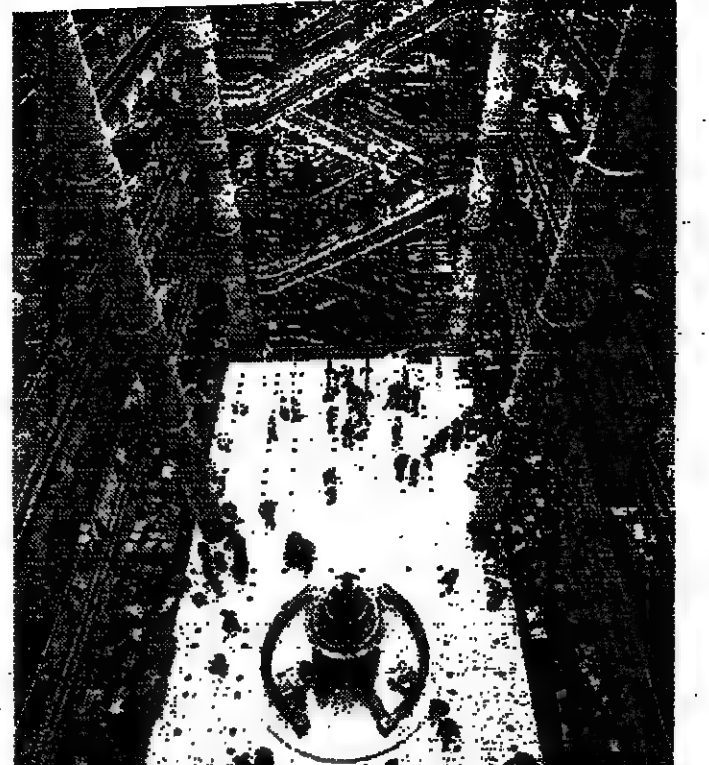
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Lloyd's: taking steps to improve the market's efficiency

INSURANCE

Capital's role is threatened



Coleridge changes

markets at Lloyd's - marine, non-marine, aviation and motor. Increasingly, industry is keen to buy insurance to cover all the risks to which they are exposed on a so-called "all risks" basis. By allowing brokers to place risks which involve a cross-market participation more easily, the reform should improve Lloyd's position vis-a-vis its competitors who have not been subject to the same constraints.

The author syndicates have also viewed positively moves by Lloyd's underwriters to co-operate with insurance companies in order to win more business. In June, Sturge Holdings joined forces with Sun Alliance, the UK composite insurer, and four Lloyd's brokers, to form a joint marketing initiative to compete for European industrial risks business.

Sturge has established an operation in Paris. Earlier this year A.J. Archer, which manages a number of Lloyd's syndicates, set up a joint venture with Mr Jens Tarp, and the Lloyd's broker Bell Nicholson Henderson in Copenhagen.

Last July, Lloyd's gave underwriters more freedom to write personal lines insurances (domestic house insurance for example). Lloyd's has enjoyed considerable success in writing motor insurances on the same basis. Since 1985 when they first wrote motor insurances, Lloyd's syndicates have steadily increased their share of that market to a point where they account for 20 per cent of the market.

Octavian Underwriting, a Lloyd's managing agency, has set up an office in Leeds to write insurance business ranging from professional indemnity, product liability and directors and officers cover.

Mr Reg Brown, who manages one of the syndicates written by Octavian, says the establishment of the new office is important evidence of a change in mentality among insurers at Lloyd's who are now much more prepared to go out and look for business.

"It is dawn at Lloyd's that you've got to get close to the client," he said. "In the old days underwriters used to sit in their ivory tower at Lloyd's and expect brokers to bring in the business."

Richard Lapper

David Blackwell looks at commodity trading centres; their history and their future

A ring of confidence in the market

THE ROOTS of London's commodity trade stretch back beyond the days when the British empire's trading was conducted through the City's coffee houses. Trading in soft commodities, grains, and both precious and base metals continues today, alongside brass newcomers such as oil and the unlikely freight futures.

The London Metal Exchange, which dominates the world terminal market trade in base metals, was founded in 1877 by merchants who used to meet in the City's coffee houses. The three-month period which is the basis of the LME's contracts was based on the length of time it took to ship copper from Chile, and tin from Malaysia via the Suez Canal.

The exchange, based in Plantation House in Fenchurch Street, has six core contracts - copper, aluminium, lead, zinc, nickel, and tin - with options related to each contract except tin. Copper and lead contracts are denominated in sterling, while the remainder are traded in dollars.

The market trades non-stop through inter-office dealings, but every day each contract has two "ring" sessions at Plantation House in the morning and two in the afternoon. These sessions last for five minutes, and on a busy day as the ring draws to a close the frenetic activity of the Chicago markets on a smaller scale.

The morning rings are known as "official" (as opposed to "unofficial" afternoon rings) and the prices for each

metal at the end of the second ring are used by the metals industry as the reference price for many contracts.

The LME sees itself as very much a trade market aimed at the physical delivery of metal - about 70 per cent of the copper mined in the world is traded through it - and it does not set out to bring in speculative money. Mr Martin Abbott, the marketing director, said in September that the exchange's main purpose was as a vehicle for price discovery and a forum for hedging, with investment trading in third place. Last year it traded just over 10m lots worth £250bn, and it is expecting a 30 per cent increase in business this year.

Plans for next year include the introduction of cleared contracts denominated in D-Mark and yen, as well as the extension of trading in copper and aluminium - the two biggest contracts - to 39 months forward instead of 15 months.

When the LME dropped its silver contract last year London lost its only futures market in the precious metals sector. Precious metals trading continues in the City as it has done for several hundred years. It is under the watchful eye of the London Bullion Market Association, which was set up in 1988 at the prompting of the Bank of England to co-ordinate the market.

All bullion trading in the City is undertaken in accordance with the Bank of England's Code of Conduct, which covers the need for confidentiality, market ethics, and

unacceptable inducements to conduct business, among other matters. The LBMA represents all the main participants in the market - dealers, refiners, or providers of vaulting and shipping facilities.

The International Petroleum Exchange is a youngster by London standards. It was not founded until 1980, and for eight years was effectively a one-contract exchange. But its dependence on its gas oil, or heating oil, contract ended in

1988 with the successful launch of a crude oil contract after earlier abortive attempts.

The crude contract, based on an index for Brent prices and cash settled, has established the credibility of the exchange on the world stage. Its introduction helped the IPE to lift turnover for 1989/90 financial year to over 4m lots.

As well as offering options on both the gas oil and Brent contracts, the IPE has cash settled contracts in heavy fuel oil and Dubai sour crude.

The IPE shares premises with the London Futures and Options Exchange, known as Fox, which moved to its present building in fashionable St Katharine Docks in 1987. Before the move it was known as the London Commodities Exchange,

EUROPEAN FINANCE AND INVESTMENT LONDON 3

Institutions are reviewing their presence. Tracy Corrigan reports

Home is where the market is

THE Eurobond market, technically an offshore market, has always been London's home in practice. Nearly all the international banks active in the market have chosen London as the centre of their Eurobond business.

The Eurobond market is an international market of publicly traded debt, issued by banks, companies, and states. It flourished in the early 1980s but has now entered a period of decline, exacerbated by excessive competition.

Overheads remain high, forcing banks to question their presence in London and in the Eurobond business. The last few years have been marked by a series of retrenchments, and more are expected.

There are fears that London will have to cede market sectors for which there is a more natural home base, as other financial centres try to reclaim such ground. Most feared is the shift of the large, and usually lucrative, Japanese equity warrants business back to Tokyo, as Japan's financial markets are liberalised.

Those with a vested interest in the market staying put cite the superior infrastructure of the London clearing out of a large volume of equity warrants. In addition, most secondary market warrant trading is in London. However, the issuers and the bulk of the investors in these instruments are Japanese.

Among the powers lobbying for the equity warrants business to stay where it is are the

London arms of the Japanese securities firms, which have thrived on profits generated by the equity warrants business. Those profits dwindled this year, along with investor confidence in the market as the Gulf crisis depressed Japanese stock prices, pushing premiums up to such high levels that many warrants are unlikely ever to be exercised. The future of the market is uncertain.

London's dominance may also come under threat as banks re-examine their strategic goals for the 1990s. While "globalisation" was the catchword of the 1980s, many bankers suggest that the trend for this decade could be a retreat to domestic markets. As many governments liberalise their domestic markets, it is increasingly attractive for banks which have always been strongest in the domestic arena to retreat to that domain. Banks such as Holland's Amro Bank relocated their capital markets business in their home cities.

For those players which cannot be in the "bulge bracket" of top players, specialisation is a growing trend. Banks have cut the number of sectors in which they maintain a presence. Banks such as S.G. Warburg chose to concentrate on its strength in the sterling market, abandoning its position in the dollar and Australian dollar markets. For a bank with a large presence in one European market, the shift of resources to the home base may be a tempting prospect.

There are good reasons to stay in London. Few players which do not have large operations in London can hope to be global players. The large Japanese and US banks in the European time zone have centred activities in London.

Many European banks have established their international capital markets operations in London. The largest German bank, Deutsche Bank, for example, runs all its non-D-Mark Eurobond business from the London-based Deutsche Bank Capital Markets, and is the only German bank to rank alongside the key US players in London. The credibility gap established between Deutsche and its two home-based rivals Dresdner Bank and Commerzbank has never been repaired. Neither Dresdner nor Commerzbank has established a significant presence outside the D-Mark sector.

Of the four French banks with a large presence in the Eurobond market, two (Paribas and Banque Nationale de Paris) have shifted the bulk of their international bond operations to London while two (Crédit Lyonnais and Credit Commercial de France) have dug in their heels in Paris. Credit Lyonnais and CCDF have tended to concentrate on retail clients like Canadian dollars and on domestic market activities.

Some of the most profitable banks in the Eurobond market are not London-based. Banks such as Banque Bruxelles Lambert and Kredietbank, based in

Brussels, have gained a strong foothold, by focusing on their retail distribution networks.

There have been few big moves to London in recent years, although the Japanese continue to build their presence here. For others, the decline of the Eurobond business has acted as a deterrent. High overheads have been further increased by the need to comply with the stiff regulatory environment of the Financial Services Act. Bankers say this is a further disincentive to new businesses, and complain that the European Community ideal of an even playing field is still in need of some levelling.

London's dominance of financial markets outside the Eurobond market, such as futures and options, has increased the capital's market. Another magnet for banks is London's position as the European centre of international fund management. Increased competition from other markets and perhaps some repatriation of investment funds, particularly to Japan, could threaten this infrastructure.

Now that the mainstream Eurobond market has evolved into a commodity business, it is no longer the focus of the capital markets thrust of many banks. These days, wider profit margins are to be found by focusing on innovative financing techniques, often involving derivative products. For such business, now the strongest growth area in the market, it is in London that the talent and the expertise are to be found.

PROFILE: Crédit Lyonnais

The case for a firm foothold

FOUR years after the Big Bang, many of the banks which participated in that revolutionary event have beaten a bloody retreat, overwhelmed by losses and the sheer problems of managing the complexity of the London markets.

One bank which has dogged on is Crédit Lyonnais, the French bank which has one of the most diverse foreign-owned financial conglomerates in the City. On the one side this comprises a large and successful commercial bank branch with £5.5bn in assets and a programme of steady expansion. On the other, is Crédit Lyonnais Capital Markets, its investment banking arm.

The latter has been a far from pleasant experience, as Mr Christian Ménard, the managing director, is the first to admit. Financial losses, management turmoil and damaged credibility have all taken their toll. But Crédit Lyonnais stuck to its belief that a well-developed London presence was the key to its international expansion in investment banking, and it thinks that that goal is now in sight.

The saga began in 1987 when Crédit Lyonnais bought Alexander Leasing & Cruickshank Holdings (ALCH). ALCH was a hybrid consisting of Alexander, a discount house (dealer in the bill market); Leasing & Cruickshank, a City stockbroking firm specialising in medium-sized companies and private clients; Rouse, a broker dealer in financial futures and



Ménard: heavy toll

commodities, and an official gilt-edged dealership.

It was not the ideal purchase in the light of hindsight because ALCH was too diverse and not top-of-the-range. But the bank had left its Big Bang move rather late, and all the best firms had been snapped up. And it paid the price. In the following three years ALCH lost enormous sums of money, and Crédit Lyonnais was forced to take measures to bring it under control.

There was a management clean-out. The equities market-making side was shut down, and so was the gilt business. Other parts of the group were cut back to contain costs, and branches were closed. But out of the trauma, Crédit Lyonnais managed to identify a cluster of businesses on which it believed it could build a viable investment banking operation. This will have six elements. One is Rouse, which has

come through relatively unscathed. It is highly profitable and now has a global link-up to provide a 24-hour service. The second is Alexander which has been given tighter controls and is now profitable again.

The third is Crédit Lyonnais Eurosecurities, the Eurobond operation which has yet to move into profit and is weak in the dollar markets. But Crédit Lyonnais is building it up in the French franc and Ecu markets where it is strong.

The fourth is Laing & Cruickshank Investment Management, where the emphasis is steadily being shifted from the private client stockbroking business to portfolio and asset management. This division recently began to make a profit again.

The main part of the business is Crédit Lyonnais Securities, which has two parts to it. Having dropped its UK equities market making, the institution has moved to concentrate on selling European equities to investors through London. This will be supported by specialised sectoral research prepared in conjunction with Crédit Lyonnais' other securities operations on the Continent. Mr Ménard says the aim is to become the leading London house in Continental shares, particularly French and German.

The other part is corporate finance which consists of Laing & Cruickshank's domestic advisory service, alongside

which a new international business is being developed. Mr Ménard sees this becoming active in cross-border mergers and acquisitions and equity issues, with a team specialising in structured finance.

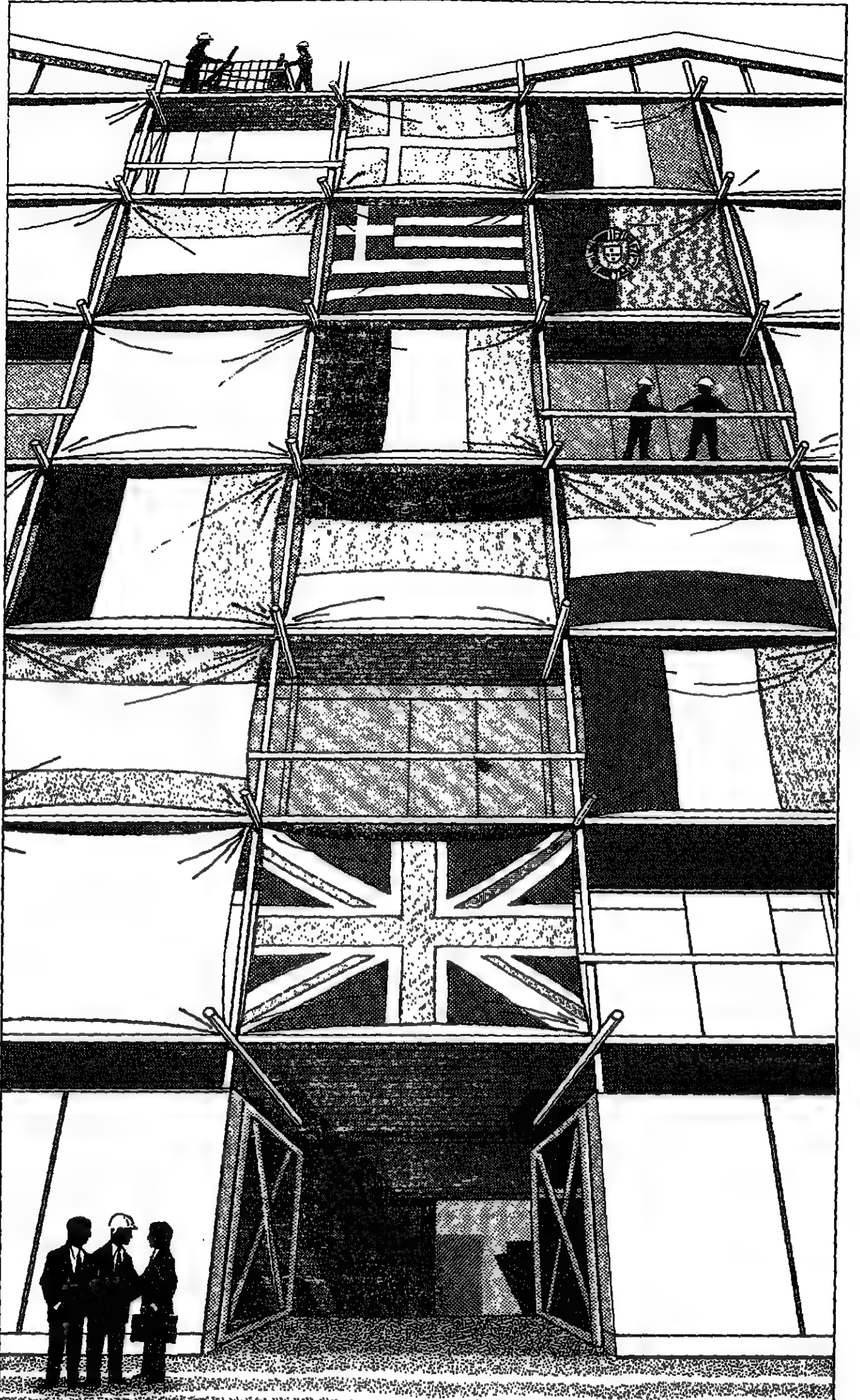
To help pull this diverse group together, Crédit Lyonnais has moved it into new quarters in the Broadgate development. It has also refitted parts of the group to emphasise the Crédit Lyonnais name for international activities while preserving the better known Laing & Cruickshank name for the UK market.

Mr Ménard estimates that buying and getting Crédit Lyonnais Securities right has cost about £180m, vastly more than it bargained for. He has set the goal of earning a 15 per cent return on capital which he believes is achievable.

Did Crédit Lyonnais really need to take on all this expense and effort for the sake of a foothold in the highly competitive London market?

The answer is yes. The group needed access to a distribution network. "The dominant equity culture in London is one of the most important aspects of a strong presence in London. This is not the case in Continental Europe where the culture is bond-driven," says Mr Ménard. "We are convinced that Europe is the domestic market of tomorrow, and we have to be a major player in all domestic markets."

David Lascelles



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Deborah Hargreaves looks at the future of the derivative markets

In pole position for Europe

MR PEN KENT, associate director at the Bank of England, forecasts a "blaze of glory" for derivatives in the 1990s. The UK's markets must be well-placed to lead Europe in attracting the "atomic cloud of footloose funds" that will be searching for investment opportunities across the globe, he believes.

Mr Kent has been very active behind the scenes in encouraging London's two leading markets to join in a combination that will create the largest futures and options market in Europe. He chaired the committee that was set up to pave the way for a merger of the two markets.

The merger of the London International Financial Futures Exchange (LIFFE) and the London Traded Options Market (LTOM) grew out of the success of the former and slow development of the latter. The Bank of England is understood to have been concerned that the UK was losing out in the creation of an active options market to more pioneering exchanges overseas.

The Bank's concern mirrored that of a group of users of both markets who were looking for a more efficient options market and a chance to cut costs. It was with a very sympathetic ear that the Bank heard the users' ideas early this year. Shortly afterwards came the announcement of the much-heralded merger which had been broached three years ago, but had never gone beyond the drawing boards.

Many market users are hoping for a wide-scale rapprochement between London's six derivatives exchanges. Indeed, the name for the LIFFE-LTOM combination, which has been fixed temporarily at the London Derivatives Exchange, is intended to provide as much room as possible for any of London's other markets to join in.

The International Petroleum Exchange has asked about joining the joint market. London's soft commodities market, the ICE, plans to combine with the Baltic

International Freight Futures Exchange before a possible approach to LIFFE-LTOM. This leaves the London Metal Exchange which is likely to resist any attempt at merger in its own eccentric way.

If these exchanges unite, the resulting market will be a broadly-based derivatives shop window which will trade a range of futures and options products from German bonds to coffee. The combination would create the most diversified exchange in Europe with an ability to compete with Chicago's leading markets. The financial derivatives sector is new to London and should provide a large area for growth in coming years. When LIFFE and LTOM merge early next year, the joint exchange will mark the first time that financial futures and equity options have traded side by side and should provide the opportunity for a range of strategies on the part of traders.

The two markets are embroiled in the nuts and bolts of merging two fundamentally different trading cultures, but LIFFE is likely to dominate any combination. Since its inception in 1983, LIFFE has seen its trading volume grow rapidly each year as derivatives have found more acceptance among the City's innately cautious fund managers. Last year, its volume leapt by over 50 per cent to 54m contracts. Its main European rival, France's Matif, edged ahead with a volume of 28m contracts. This year, however, LIFFE's volume is running well ahead of the Matif's and, by the end of October, the market had traded close to 28m lots.

LIFFE's marketing and information campaigns have been extremely successful and the exchange has proved innovative in its development of new products. Members of the options market are hoping that this experience will carry out a more liquid market for options and help to extend their use to individual investors. Private individuals are large buyers of

options in continental Europe and in the US, but not in the UK.

London's joint derivatives market will be helped in its bid to lead Europe by the introduction of a more simplified tax regime on futures and options in this year's budget. It removes a penalty on pension funds and unit trusts' use of derivatives for trading purposes.

Under the new regime, institutions will be able to avoid paying tax on any of their transactions without having to prove that they were not "trading" in the market. This change has removed a big psychological barrier for fund managers' use of the markets and has provoked a great deal of interest among UK pension funds.

Another development this year that will increase the use of futures, is the publication by the Department of Trade and Industry of draft regulations for futures and options funds. Once these rules become law, they will enable the creation of specific unit trusts for investing in derivative instruments. This is a market that has grown to reach \$80bn in the US.

These developments leave London's derivative markets poised for large growth in the next decade and should enhance London's position as a leading centre. LIFFE is regarded as a leading part of the US fund managers which divide their money between the US, Europe and Japan.

Derivatives traders say they see far more activity now from the UK's own institutions than they did a year ago. In fact, some dealers reckon that only two of the UK's large pension funds were active in derivatives at the beginning of the year and that figure has risen to 15.

Growing interest from the UK and overseas should help get the LIFFE-LTOM merger off to a good start. After that there will be wide opportunities for creating new combined financial-equity products.

The foreign exchange market

Anxious to become the Ecu centre

THE London foreign exchange market, coping with decreased volumes of business with corporate customers and increased volatility in the interbank market, faces the challenge of how to maintain its pre-eminent position in a single-currency Europe.

European monetary union may be some way off, but foreign exchange managers in both UK and non-UK banks in London are estimating the effects on their business of a single currency.

If there is to be a single physical Ecu centre in the European time zone, the consensus is that London can, and must, be that centre. There is also some hope that the loss of intra-EC trading can be made up for by new business in non-EC currencies (including the newly convertible east European ones) and the development of ever more sophisticated risk management products.

With average daily turnover equivalent to about \$187bn, London probably does three times the business Frankfurt does and six times as much as Paris.

Its main advantage over its continental rivals is its regulatory environment, which favours innovation and which, according to Mr Dave Adamson, Chase Manhattan's European forex risk manager, offers non-European institutions "a pretty level playing field."

The sheer volume of business done in London and the broad range of currencies dealt in should also help it to win through. The main effect of a single currency will be to wipe out niche business.

"Some of the reasons for Paris and Frankfurt doing so well would cease to exist," Mr Trevor Cass, who heads Barclays' global treasury, points out.

London's strength as a generalist centre should stand it in good stead. "Frankfurt won't take over from London in the next decade or two," says Mr David Clark, Midland's Group treasurer. He believes that the German authorities will not permit sufficient competition in Frankfurt to allow the range of products needed to develop a world-class foreign exchange market.

This year has seen a falling-off of volumes in the market with corporate customers, largely as a result of general economic conditions. The problem has been compounded by increased volatility in the interbank market, particularly the dollar/sterling market, which has led to the controversial scaling down of the amounts some market makers are prepared to deal in.

"A lot of banks are examining their volume, both in number of tickets and amounts of currency," said one UK forex manager. There are only a handful of market makers in the interbank market; the four big UK clearing banks, Citibank, Chemical and Chase and a small number of European banks.

Volatility has been increased over recent years by a fundamental shift in the nature of the underlying flows driving the market and aggravated by increased speculative activity. Sterling remains an important investment currency, although it ranks fourth in terms of volume traded, and capital flows from institutional investors worldwide are increasingly replacing trade flows as the motor of the interbank market, including the sterling/dollar interbank market.

This has caused an increase in volatility only partly con-

trolled by sterling's entry into the exchange rate mechanism. The other factor in recent years has been aggressive speculation, usually by Asian and Middle Eastern monetary and investment authorities playing the market with their reserves.

Some market makers regard these "turnover merchants" as near-criminal in their effect on the market. Others are more relaxed.

"It only hurts the market maker who quotes in excessive amounts and too narrow a spread," said one non-UK market maker. In fact, according to one US bank, rather than being an irritant, such players can act as a stimulant. "It moves the market, and that can be profitable for the market maker too."

The now infamous September 24 lunch at which some London market makers came to a "gentlemen's agreement" on a 10 basis-point minimum spread in the sterling/dollar market had as its immediate cause a bear raid on sterling by Bank Negara Malaysia. But other market makers have also been active, and the root causes of volatility and poor liquidity are broad and various, including the deteriorating credit worthiness of a number of counterparty banks.

Whether or not it formally constitutes a cartel (the banks say it does not and insist it will not affect their corporate customers) the September 24 agreement looks like falling apart even before an Office of Fair Trading investigation is completed.

Lloyds Bank, in whose offices the lunch took place, has since distanced itself from the pact, and other participants say they have dealt in amounts and at spreads different from those agreed.

The Bank of England has pointed out that any attempt to widen spreads unduly could lose business to other centres. London's bid to become the Ecu centre would certainly not be helped if some of the shine on its reputation as the least protectionist centre in Europe was knocked off by incidents such as this.

Apart from its "regulatory edge," London is seen as the product capital of Europe, if not the world. "London's imaginative and innovative use of technology, not just in the back office but front-end technology, has been a key factor in keeping London ahead," says Mr Tom Lockett, Midland's foreign exchange director.

His colleague Mr David Clark agrees. Although the technologies might originate elsewhere, Mr Clark says, "London is the great test tube. This is where the explosions and impositions actually happen."

The relationship between technology and competitiveness is two-edged, however. "You have to take time out on technological developments, sometimes," says one manager, "because you're not necessarily generating enough income to pay for it. I think London is very close to such a breathing space now."

In the last analysis it is the application of technology which matters. A whole family of hedging products has sprung up over recent years, with London very much in the forefront.

"We are nowhere near the end of this development," says Mr Lockett. "The next generation of hedging instruments will take in whole portfolios of risk, both of customers and on banks' own books."

Peter Eliot

Barry Riley examines the centre's specialisation in managing global institutional funds

A bridge between New York and Tokyo

LONDON IS one of the world's top centres for portfolio management. Indeed, it stands out for its specialisation as a centre for expertise in managing global institutional funds, especially equities.

Upwards of \$500bn is managed in the UK, and probably 30 per cent of that in London. Most of the money belongs to domestic institutions, but there is an important element of global funds sent over from abroad. For example, J.P. Morgan runs its global portfolios out of London.

Even the domestic institutions have a substantial overseas element to their portfolios. British company pension funds, for example, have about 20 per cent of their assets in foreign equities, and another few per cent in overseas bonds. More money is managed in the US and Japan, but these are domestically oriented countries, where interest in international investment has been modest until recently. Switzerland is of some importance as a centre for private client funds, but scarcely attempts to compete with London for institutional business.

Geographical location ought to be becoming less important as a factor in the success of financial businesses, because technology is destroying the significance of distance. Investors can hook up to market price services and research databases without much regard to physical positioning. Indeed, successful international investors are dotted around the US, and can be found in other parts of the UK than London. The survival and the renewed expansion of Edinburgh and Glasgow as fund management centres must owe much to improved travel and communication.

The high cost of London,

especially in its office rental levels and its congestion, has posed a threat - although rents are now tending to fall. Overall, however, London retains some important advantages which have long been perceived by American and Japanese firms and in the past year have led to a wave of buying of British fund management companies by continental financial institutions.

As a global centre London's time zone position is significant. Straddling the gap between Japan and the US, London has a location which enables members of the financial community to talk to Tokyo in the morning and to New York in the afternoon. In contrast, it is impossible for Americans and Japanese to communicate during normal office hours.

But anywhere in Europe can claim the same advantage, so the key to London's competitiveness lies elsewhere. Essentially it has the right infrastructure: a highly developed international stockbroking industry, and it has large numbers, far more than any mere "critical mass", of skilled and experienced fund managers.

The stockbroking side is important because historically it has provided most of the research and other services which enable global fund managers to function efficiently and economically. In the past few years the International Stock Exchange has also developed its SEAQ International market in the leading global equities. As for bonds, there is a big Eurobond market in London, and active local time zone markets are made

in US Treasury securities. These local markets are perhaps not of critical importance, because many London fund managers prefer to trade in national stock markets around the world, but the London trading contributes to the depth of resources available in the UK.

London is a regular destination for leading listed companies around the world which seek to market their stocks to institutional investors. So there is a steady stream of presentations and road shows, making it easy for London-based investment managers to meet the executives of international companies.

The presence of portfolio management skills in abundance is also highly important. Any financial services group wishing to set up a fund management operation in Europe

really has very little choice than to come to London. There are possibly more attractive and cheaper places to go, but it is impossible to recruit skilled global fund managers in any quantity in other places.

In some respects Luxembourg is a rival, and it has certainly attracted a large number of international mutual funds. But it has specialised as a legal and administrative centre rather than as a place where investment decisions are taken.

Other European financial capitals have either been limited until quite recently by foreign exchange controls, so that expertise has been focused only on domestic markets, something which applies to Paris, or they have specialised in bonds, such as Frankfurt. With the growth of interest in

equity investment the German banks such as Deutsche or Dresdner have come to the UK in order to buy the skills they need.

The Netherlands has shown some potential, and indeed the Rospo group has become probably the world's second biggest independent manager of mutual funds after Fidelity of Boston in the US. But the Dutch market is too small to allow Amsterdam or Rotterdam to develop the strength in depth offered by London.

But London is not unchallengeable. Fund managers in the US and Japan are developing global management skills, and they will become unwilling to subcontract international business to the UK.

Some portfolio managers in London are becoming anxious about the damage being done to the stockbroking infrastructure. High quality research can be relatively generous commissions, but the much greater degree of competition in the past few years has pushed many brokers into the red. The quality of research has declined, and the actual quantity of research contracted unless profitability improves.

Fund managers would then be faced with the need to take on much more of the research functions, greatly adding to their cost burdens. This would hit small firms of fund managers especially hard, since it would not be economic for them to provide a broad research backstop for their own decisions.

In difficult stock market conditions, such as have been seen recently, these risks tend to weigh heavily on the minds of fund managers. But London hopes that many of its troubles will roll away with the next stock market upturn.



The BZW dealing room

Richard Waters looks at the consequences of deregulation

In the shadow of Big Bang

IN spite of this, there are remarkably few signs of shrinkage in the industry. Well-publicised casualties Morgan Grenfell at the end of 1988, Citicorp Scrimgeour Vickers early this year - have made little dent in the excess capacity in the London market.

This is borne out by two surprising facts. First, the amount of capital behind ISE member firms rose by a quarter to \$4bn between the summer of 1988 and the end of 1989 (figures for earlier periods are not available).

Second, in spite of the 1987 stock market crash, the number of people employed by ISE member firms rose by one-fifth to 24,400 in the three years to the end of 1989.

Part of the reason is that, while the domestic securities industry has sagged, the international business handled through London has remained strong.

Hence the importance to London of the current debate over the creation of a pan-European equity trading system. Since starting its own international market place five years ago, the commission income from trading foreign shares in London has grown to an

| FOREIGN SECURITIES HOUSES IN LONDON | | | | | | | | | | | | | | | |
|-------------------------------------|-------|----|-----|-------|----|-----|--------|----|-----|-------|----|-----|---------|----|-----|
| | US | | | Japan | | | Europe | | | Other | | | Summary | | |
| | Total | In | Out | Total | In | Out | Total | In | Out | Total | In | Out | Total | In | Out |
| 1980 | 43 | 4 | 1 | 21 | 1 | 0 | 13 | 3 | 0 | 27 | 1 | 0 | 104 | 8 | 1 |
| 1981 | 46 | 2 | 0 | 23 | 2 | 0 | 13 | 0 | 0 | 30 | 3 | 0 | 111 | 7 | 0 |
| 1982 | 47 | 2 | 0 | 25 | 2 | 0 | 15 | 2 | 0 | 31 | 1 | 0 | 118 | 7 | 0 |
| 1983 | 52 | 5 | 0 | 25 | 0 | 0 | 17 | 2 | 0 | 35 | 2 | 0 | 127 | 8 | 0 |
| 1984 | 51 | 0 | 1 | 27 | 2 | 0 | 17 | 1 | 1 | 35 | 3 | 1 | 130 | 6 | 3 |
| 1985 | 51 | 0 | 0 | 29 | 2 | 0 | 17 | 1 | 1 | 37 | 3 | 1 | 134 | 6 | 2 |
| 1986 | 52 | 1 | 0 | 34 | 5 | 0 | 18 | 1 | 0 | 39 | 5 | 3 | 143 | 12 | 3 |
| 1987 | 54 | 2 | 0 | 41 | 7 | 0 | 21 | 3 | 0 | 39 | 1 | 1 | 155 | 13 | 1 |
| 1988 | 54 | 0 | 0 | 41 | 0 | 0 | 24 | 3 | 0 | 37 | 2 | 4 | 155 | 5 | 4 |
| 1989 | 55 | 1 | 0 | 42 | 1 | 0 | 24 | 1 | 2 | 38 | 1 | 0 | 156 | 4 | 2 |
| Total | 17 | 2 | | 32 | 0 | | 17 | 4 | | 22 | 10 | | 76 | 16 | |

Source: Best & Kneiser Research

Source: New Alexander Equities

annual £168m (around a third of all commissions earned on UK shares).

The second unresolved question left by Big Bang is how equities should be traded in London.

The quote-driven market making system introduced at the time has not held up well under the flagging trading volumes of recent months.

Market makers claim London's trading rules, which require immediate publication of most trades and (from early next year) a delay of only 90 minutes in the publication of

the very biggest, leave them no scope to make a profit. There are dark warnings that distortions will appear in the market as market makers seek to dodge the worst effects of these rules.

Retail investors have also been questioning whether the stock market works in their interests.

Many argue that, welcome though a quote-driven system is for anyone trading large blocks of shares, small investors would be better served by a market where buy and sell orders are matched automatically, without the intervention of a middle man.

Two other factors have antagonised small investors who use the UK stock market.

First, commissions have risen since Big Bang, largely due to the removal of cross-subsidisation that existed before. And second, London's new dematerialised settlement system, due to be introduced from next October, looks likely to bring no reduction in costs for small investors, whatever it does for other users of the market.

The third unresolved question posed by Big Bang is whether London will come to be dominated by a handful of integrated securities houses, conglomerates which combine market making and broking with corporate finance and fund management.

Experience so far suggests that this is happening. The withdrawal of marginal players has led to a concentration of market share among three big market makers - Warburg Securities, Barclays de Zoete Wedd and Smith New Court. The first two of these are among the leaders in research and distributing equities, as well as fund management.

Would-be contenders such as Kleinwort Benson have made a strong push to be included in the top league, but have failed yet to make the breakthrough. (Kleinwort itself is nursing the damage to its finances and morale caused by a disastrous £34m loss on a single large transaction this summer).

The question of who will dominate the securities business in London will be answered in the boardrooms of some of the world's biggest banks. Only those that are prepared - and can afford - to commit capital to building or sustaining a position in the market stand a chance.

In the face of the capital crunch that has hit the banking industry, it is certain that not all will want to pay the price.

David Lascelles interviews Sir Martin Jacob

'People trust our markets'

being rolled back, the impression has been left that London is a heavily regulated market.

"Impressions are very important because that's what controls decisions whether or not to bring business to London," he says.

The recent local authorities swaps fiasco was a further example of London doing itself unnecessary harm. "The way the authorities have handled this has been uniquely damaging. Our competitors are saying that by standing aside, the government is ensuring that in London 'dictum meum pascam' no longer applies," said Sir Martin whose own bank stands to lose heavily after the recent

financial futures market.

The UK's entry into the ERM was a move which Sir Martin strongly welcomed because he feared that London would become steadily isolated from the mainstream of the EC - the Schengen Six countries which are on the fast track to economic union.

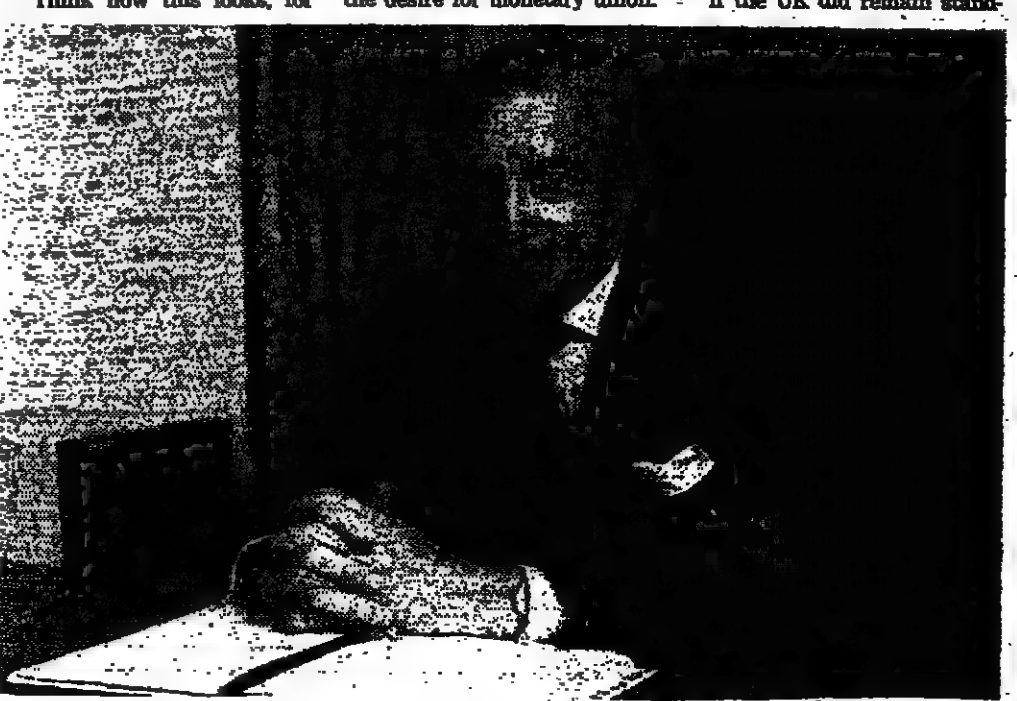
"Think how this looks, for

example, from Tokyo. It might make the Japanese think the financial centre of the EC might be divided between London, Paris and Frankfurt. If this view took hold, it could become self-fulfilling."

He fears that people in the UK underestimate the momentum on the Continent behind the desire for monetary union.

He has his own reservations, however. Imposing monetary union on areas of disparate economic performance could cause permanent damage. A single currency also means in practice not just a single monetary policy but a centrally agreed economic policy as well.

"This has not yet sunk in." If the UK did remain stand-



Sir Martin Jacob: sees strong competitors on the Continent

ish from the EC this need not mean, in my people's view, necessarily leaving London, which has historically been well out of being different. But he says that this view is out of date.

"London thrived in a period of rigid controls on capital movements because of the clear need for an international market to handle a flow of which wanted to remain free of those controls. This situation no longer exists. Domestic markets and Euromarkets are free to merge. We have to succeed on a so-called level playing field."

He is particularly keen that London should become the home of any future European central bank - or at least of the operating arm through which it dealt in the financial markets.

"It would be very important to have the operating arm in London. There is a need for physical proximity between the

operating arm and the market participants because they have to meet and discuss things almost daily. There is every reason why Europe's operating arm should be in London. There is a cast iron case for it as matters now stand."

Today, London is far away from the leading centre. People like dealing here, they trust our markets, they are well regulated. There is a long tradition of principal risk-taking. Every one wants to go on using London. But we must be vigilant in meeting competition. London must be economical and hospitable.

FINANCIAL TIMES

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EUROPE IS CHANGING, POLITICALLY, FINANCIALLY, ECONOMICALLY.



Europe is going through a period of dramatic change, with new political and financial structures developing, fresh markets opening and new legislation coming into effect. And since this change has resulted in new cross-border opportunities, so the need for innovative, flexible corporate finance has become more pressing than ever before.

WE'LL HELP YOU MAKE THE MOST OF THE NEW CROSS-BORDER OPPORTUNITIES.

industries, enabling us to combine our corporate finance expertise with an understanding of current developments in industries such as media, chemicals, branded foods, paper and packaging, energy and insurance.

Indeed, our knowledge of these and other industries means that our teams actively approach companies with strategic recommendations on

It's an area in which we can play a decisive role in helping our clients achieve their objectives.

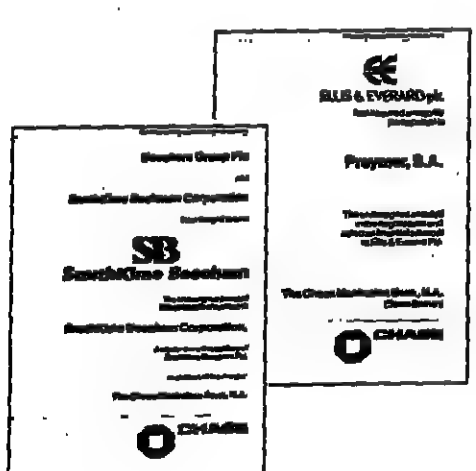
For a start, our corporate finance professionals, on-the-spot in 20 European countries, are able to advise and assist our clients on every aspect of corporate strategy, from tax-effective financing to mergers and acquisitions.

mergers, acquisitions, divestitures and buyouts.

With this level of commitment to the corporate finance business in Europe, it's hardly surprising that we've established something of a track record.

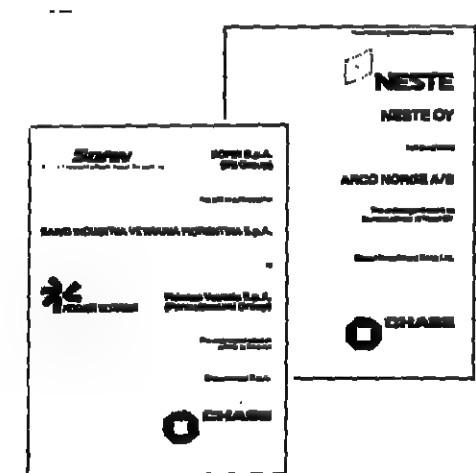
We're one of the top twenty cross-border European M&A advisors, and Europe's most active loan syndicator. We've also recently completed more than a dozen leveraged finance transactions in six European countries, with a total value of over \$1.25 billion.

All of which means that, whatever changes occur in Europe, we have the experience and resources to help our clients take full advantage of them.



Our European M&A capability, for example, backed by our global network, enables us to successfully bring together potential buyers and sellers throughout the world.

To augment these capabilities, we have developed a detailed knowledge of a number of specific



CHASE

CREATING OPPORTUNITIES OUT OF CHANGE.

INDUSTRIALS (Miscel.)—Contd.

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| 23 | 5:00-5:30 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 5:30-6:00 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 6:00-6:30 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 6:30-7:00 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 7:00-7:30 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 7:30-8:00 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 8:00-8:30 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 8:30-9:00 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 9:00-9:30 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 9:30-10:00 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 10:00-10:30 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | 10:30-11:00 | 60 Minutes | 1.0 | 1,000,000 | 1.0 | 1 |
| 23 | | | | | | |

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| Commercial vehicles | | | | | |
|---------------------|----------------|--|-------|------|--------|
| 3 | EXPERT Child | | 88 +5 | 10.0 | 1.6152 |
| | COMPLAINTS Exp | | 88 -1 | 8.9 | 2.0727 |

MINES - Cont.[illegible]

| Stock | Price | + or - |
|-----------|-------|--------|
| IBM | 120 | + |
| Microsoft | 140 | + |
| Apple | 110 | + |
| Amazon | 130 | + |
| Google | 150 | + |
| Facebook | 160 | + |
| Twitter | 170 | + |
| LinkedIn | 180 | + |
| Slack | 190 | + |
| Zoom | 200 | + |
| Dropbox | 210 | + |
| Spotify | 220 | + |
| Netflix | 230 | + |
| Amazon | 240 | + |
| Google | 250 | + |
| Facebook | 260 | + |
| Twitter | 270 | + |
| LinkedIn | 280 | + |
| Slack | 290 | + |
| Zoom | 300 | + |
| Dropbox | 310 | + |
| Spotify | 320 | + |
| Netflix | 330 | + |
| Amazon | 340 | + |
| Google | 350 | + |
| Facebook | 360 | + |
| Twitter | 370 | + |
| LinkedIn | 380 | + |
| Slack | 390 | + |
| Zoom | 400 | + |
| Dropbox | 410 | + |
| Spotify | 420 | + |
| Netflix | 430 | + |
| Amazon | 440 | + |
| Google | 450 | + |
| Facebook | 460 | + |
| Twitter | 470 | + |
| LinkedIn | 480 | + |
| Slack | 490 | + |
| Zoom | 500 | + |
| Dropbox | 510 | + |
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| Google | 1450 | + |
| Facebook | 1460 | + |
| Twitter | 1470 | |

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|----------------|---|------|-------|
| Adults 5p .. | Y | 2.50 | 10.00 |
| Moors .. | Y | 2.50 | 10.00 |
| Kids 5p .. | Y | 2.50 | 10.00 |
| Concessions .. | Y | 2.50 | 10.00 |

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Preference dividend paid

Canadian, E minimum under price, F Dividend and yield based on prospectus or other official estimates for 1980-81, G Assumed dividend and yield based on prospectus or other official estimates for 1981, H Dividend and yield based on prospectus or other official estimates for 1982, I Dividend and yield based on prospectus or other official estimates for 1983, J Estimated annualised dividend cover and P/E based on latest annual earnings, M Dividend and yield based on prospectus or other official estimates for 1988, N Dividend and yield based on prospectus or other official estimates for 1989-90, P Figures based on prospectus or other official estimates for 1991, Q Gross, R Forecast annualised dividend and yield based on prospectus or other official estimates for 1991-92, S P-Forma figures, T Dividend total to tax, U Abbreviations: u no dividend; c no scrip issue; u no rights; u to all; c no capital distribution.

being quoted in Irish currency

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2043 Wellcome.

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● Current Unit Trust Prices are available on FT Cityline. To obtain your free

● Current Unit Trust Prices are available on FT Cityline. To obtain your free

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Abney Unit Test Memo (1000H)

Guide to pricing of Authorised Unit Trusts

Compiled with the assistance of Lautro 55

INITIAL CHARGE: Charge made on sale of units. Used to defray marketing and administrative costs, including commissions paid to individuals. This charge is included in the price of unit.

OFFER PRICE: Also called *gross price*. The price at which units are brought by investors.

BID PRICE: Also called *redemption price*. The price at which units are sold back by investors.

CANCELLATION PRICE: The minimum redemption price. The minimum spread between bid offer and bid prices is determined by a formula laid down by the government. In practice, most gold listed companies quote a much smaller spread.

SCHEME PARTICULARS AND REPORTS: The most recent report and subsequent reports may be observed here at www.hse.gov.uk/healthcare/quality/audit/audit.htm

TIME: The time shown alongside the hand manager's name is the time of the next hand's valuation point (either, another time is indicated by the symbol alongside the individual unit next name.

25 Lane Assurance and Unit Trust
Regulatory Organization,
Canine Point,
162 New Oxford Street, London WC1A 1TB.

Tel: 071-379-8444,

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Admin: 5 Bayview Road, Hutton, Christchurch, New Zealand
 Exporter: 0377 337200

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|---|---------------------|-------|------|------|-------|
| For Royal Trust Fund Manager and Commercial Union | Security Dist | 100.7 | 30.2 | 30.2 | 100.7 |
| | Security Acc | 100.7 | 30.2 | 30.2 | 100.7 |
| Saver & Prudential Group 109000H | Fixed Int Dist | 100.7 | 30.2 | 30.2 | 100.7 |
| 20 Western Ave, Hartford, Conn 06183 | Fixed Int Acc | 100.7 | 30.2 | 30.2 | 100.7 |
| Capital One 2 Fawcett Sq., Edinburgh EH3 9SE | UK Index Trade Dist | 100.7 | 30.2 | 30.2 | 100.7 |
| | UK Index Trade Acc | 100.7 | 30.2 | 30.2 | 100.7 |

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| Energy Ind. | 65.32 | 65.15 | 65.02 | 64.90 | 64.78 | 64.65 | 64.53 | 64.41 | 64.29 | 64.17 | 64.05 | 63.93 | 63.81 | 63.69 | 63.57 | 63.45 | 63.33 | 63.21 | 63.09 | 62.97 | 62.85 | 62.73 | 62.61 | 62.49 | 62.37 | 62.25 | 62.13 | 62.01 | 61.89 | 61.77 | 61.65 | 61.53 | 61.41 | 61.29 | 61.17 | 61.05 | 60.93 | 60.81 | 60.69 | 60.57 | 60.45 | 60.33 | 60.21 | 60.09 | 59.97 | 59.85 | 59.73 | 59.61 | 59.49 | 59.37 | 59.25 | 59.13 | 59.01 | 58.89 | 58.77 | 58.65 | 58.53 | 58.41 | 58.29 | 58.17 | 58.05 | 57.93 | 57.81 | 57.69 | 57.57 | 57.45 | 57.33 | 57.21 | 57.09 | 56.97 | 56.85 | 56.73 | 56.61 | 56.49 | 56.37 | 56.25 | 56.13 | 56.01 | 55.89 | 55.77 | 55.65 | 55.53 | 55.41 | 55.29 | 55.17 | 55.05 | 54.93 | 54.81 | 54.69 | 54.57 | 54.45 | 54.33 | 54.21 | 54.09 | 53.97 | 53.85 | 53.73 | 53.61 | 53.49 | 53.37 | 53.25 | 53.13 | 53.01 | 52.89 | 52.77 | 52.65 | 52.53 | 52.41 | 52.29 | 52.17 | 52.05 | 51.93 | 51.81 | 51.69 | 51.57 | 51.45 | 51.33 | 51.21 | 51.09 | 50.97 | 50.85 | 50.73 | 50.61 | 50.49 | 50.37 | 50.25 | 50.13 | 50.01 | 49.89 | 49.77 | 49.65 | 49.53 | 49.41 | 49.29 | 49.17 | 49.05 | 48.93 | 48.81 | 48.69 | 48.57 | 48.45 | 48.33 | 48.21 | 48.09 | 47.97 | 47.85 | 47.73 | 47.61 | 47.49 | 47.37 | 47.25 | 47.13 | 47.01 | 46.89 | 46.77 | 46.65 | 46.53 | 46.41 | 46.29 | 46.17 | 46.05 | 45.93 | 45.81 | 45.69 | 45.57 | 45.45 | 45.33 | 45.21 | 45.09 | 44.97 | 44.85 | 44.73 | 44.61 | 44.49 | 44.37 | 44.25 | 44.13 | 44.01 | 43.89 | 43.77 | 43.65 | 43.53 | 43.41 | 43.29 | 43.17 | 43.05 | 42.93 | 42.81 | 42.69 | 42.57 | 42.45 | 42.33 | 42.21 | 42.09 | 41.97 | 41.85 | 41.73 | 41.61 | 41.49 | 41.37 | 41.25 | 41.13 | 41.01 | 40.89 | 40.77 | 40.65 | 40.53 | 40.41 | 40.29 | 40.17 | 40.05 | 39.93 | 39.81 | 39.69 | 39.57 | 39.45 | 39.33 | 39.21 | 39.09 | 38.97 | 38.85 | 38.73 | 38.61 | 38.49 | 38.37 | 38.25 | 38.13 | 38.01 | 37.89 | 37.77 | 37.65 | 37.53 | 37.41 | 37.29 | 37.17 | 37.05 | 36.93 | 36.81 | 36.69 | 36.57 | 36.45 | 36.33 | 36.21 | 36.09 | 35.97 | 35.85 | 35.73 | 35.61 | 35.49 | 35.37 | 35.25 | 35.13 | 35.01 | 34.89 | 34.77 | 34.65 | 34.53 | 34.41 | 34.29 | 34.17 | 34.05 | 33.93 | 33.81 | 33.69 | 33.57 | 33.45 | 33.33 | 33.21 | 33.09 | 32.97 | 32.85 | 32.73 | 32.61 | 32.49 | 32.37 | 32.25 | 32.13 | 32.01 | 31.89 | 31.77 | 31.65 | 31.53 | 31.41 | 31.29 | 31.17 | 31.05 | 30.93 | 30.81 | 30.69 | 30.57 | 30.45 | 30.33 | 30.21 | 30.09 | 29.97 | 29.85 | 29.73 | 29.61 | 29.49 | 29.37 | 29.25 | 29.13 | 29.01 | 28.89 | 28.77 | 28.65 | 28.53 | 28.41 | 28.29 | 28.17 | 28.05 | 27.93 | 27.81 | 27.69 | 27.57 | 27.45 | 27.33 | 27.21 | 27.09 | 26.97 | 26.85 | 26.73 | 26.61 | 26.49 | 26.37 | 26.25 | 26.13 | 26.01 | 25.89 | 25.77 | 25.65 | 25.53 | 25.41 | 25.29 | 25.17 | 25.05 | 24.93 | 24.81 | 24.69 | 24.57 | 24.45 | 24.33 | 24.21 | 24.09 | 23.97 | 23.85 | 23.73 | 23.61 | 23.49 | 23.37 | 23.25 | 23.13 | 23.01 | 22.89 | 22.77 | 22.65 | 22.53 | 22.41 | 22.29 | 22.17 | 22.05 | 21.93 | 21.81 | 21.69 | 21.57 | 21.45 | 21.33 | 21.21 | 21.09 | 20.97 | 20.85 |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

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| | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 | 1981 | 1980 | 1979 | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972 | 1971 | 1970 | 1969 | 1968 | 1967 | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 | 1929 | 1928 | 1927 | 1926 | 1925 | 1924 | 1923 | 1922 | 1921 | 1920 | 1919 | 1918 | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 | 1907 | 1906 | 1905 | 1904 | 1903 | 1902 | 1901 | 1900 | 1899 | 1898 | 1897 | 1896 | 1895 | 1894 | 1893 | 1892 | 1891 | 1890 | 1889 | 1888 | 1887 | 1886 | 1885 | 1884 | 1883 | 1882 | 1881 | 1880 | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 | 1873 | 1872 | 1871 | 1870 | 1869 | 1868 | 1867 | 1866 | 1865 | 1864 | 1863 | 1862 | 1861 | 1860 | 1859 | 1858 | 1857 | 1856 | 1855 | 1854 | 1853 | 1852 | 1851 | 1850 | 1849 | 1848 | 1847 | 1846 | 1845 | 1844 | 1843 | 1842 | 1841 | 1840 | 1839 | 1838 | 1837 | 1836 | 1835 | 1834 | 1833 | 1832 | 1831 | 1830 | 1829 | 1828 | 1827 | 1826 | 1825 | 1824 | 1823 | 1822 | 1821 | 1820 | 1819 | 1818 | 1817 | 1816 | 1815 | 1814 | 1813 | 1812 | 1811 | 1810 | 1809 | 1808 | 1807 | 1806 | 1805 | 1804 | 1803 | 1802 | 1801 | 1800 | 1799 | 1798 | 1797 | 1796 | 1795 | 1794 | 1793 | 1792 | 1791 | 1790 | 1789 | 1788 | 1787 | 1786 | 1785 | 1784 | 1783 | 1782 | 1781 | 1780 | 1779 | 1778 | 1777 | 1776 | 1775 | 1774 | 1773 | 1772 | 1771 | 1770 | 1769 | 1768 | 1767 | 1766 | 1765 | 1764 | 1763 | 1762 | 1761 | 1760 | 1759 | 1758 | 1757 | 1756 | 1755 | 1754 | 1753 | 1752 | 1751 | 1750 | 1749 | 1748 | 1747 | 1746 | 1745 | 1744 | 1743 | 1742 | 1741 | 1740 | 1739 | 1738 | 1737 | 1736 | 1735 | 1734 | 1733 | 1732 | 1731 | 1730 | 1729 | 1728 | 1727 | 1726 | 1725 | 1724 | 1723 | 1722 | 1721 | 1720 | 1719 | 1718 | 1717 | 1716 | 1715 | 1714 | 1713 | 1712 | 1711 | 1710 | 1709 | 1708 | 1707 | 1706 | 1705 | 1704 | 1703 | 1702 | 1701 | 1700 | 1699 | 1698 | 1697 | 1696 | 1695 | 1694 | 1693 | 1692 | 1691 | 1690 | 1689 | 1688 | 1687 | 1686 | 1685 | 1684 | 1683 | 1682 | 1681 | 1680 | 1679 | 1678 | 1677 | 1676 | 1675 | 1674 | 1673 | 1672 | 1671 | 1670 | 1669 | 1668 | 1667 | 1666 | 1665 | 1664 | 1663 | 1662 | 1661 | 1660 | 1659 | 1658 | 1657 | 1656 | 1655 | 1654 | 1653 | 1652 | 1651 | 1650 | 1649 | 1648 | 1647 | 1646 | 1645 | 1644 | 1643 | 1642 | 1641 | 1640 | 1639 | 1638 | 1637 | 1636 | 1635 | 1634 | 1633 | 1632 | 1631 | 1630 | 1629 | 1628 | 1627 | 1626 | 1625 | 1624 | 1623 | 1622 | 1621 | 1620 | 1619 | 1618 | 1617 | 1616 | 1615 | 1614 | 1613 | 1612 | 1611 | 1610 | 1609 | 1608 | 1607 | 1606 | 1605 | 1604 | 1603 | 1602 | 1601 | 1600 | 1599 | 1598 | 1597 | 1596 | 1595 | 1594 | 1593 | 1592 | 1591 | 1590 | 1589 | 1588 | 1587 | 1586 | 1585 |
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CURRENCIES, MONEY AND CAPITAL MARKETS

FOREIGN EXCHANGES

Major gets a cautious welcome

STERLING FINISHED around the middle of the day's range, but firmer overall after the foreign exchanges gave a cautious welcome to Mr John Major as Britain's new prime minister.

Relief that a period of political uncertainty had ended underpinned the pound, with the market reasonably content that UK economic policy is likely to continue on its recent path. The debate on interest rates continued, with sterling gaining support from the belief that Mr Major's administration is likely to take a cautious view, possibly being more resistant to pressure for rate cuts than the other candidates for the UK premiership.

The appointment of Mr Norman Lamont, former chief secretary to the Treasury, as chancellor of the exchequer, was announced after London had closed, it was widely expected, however, and appeared to have little impact on the pound in New York.

At the close in London the pound had climbed to DM2.9275 from DM2.9225. But it remained 2½ pence below the central rate against the D-Mark and was still the weakest member of the European Monetary System, although comfortably above its effective D-Mark floor of around DM2.9450.

Against other major currencies sterling rose to FF9.5775 from FF9.5600, to SF2.5000 from SF2.4875, and to ¥256.00 from ¥255.30, but lost ¼ cent to \$1.9725 in terms of a stronger dollar. On Bank of England figures the pound's index gained 0.1 to 94.6.

The dollar was boosted by comments by Mr Alan Greenspan, chairman of the US Federal Reserve Board. He told a Congressional banking committee that while the fall of the dollar may aid exports and restrain imports it is also cause for concern by increasing upward pressure on import prices and putting at risk US access to foreign savings.

Mr Greenspan also cast doubts on any further easing of monetary policy in the near term. He said he favours a very flat policy, creating a non-inflationary environment, and added that he was not sure this

was consistent with an easing of monetary policy now.

News that growth in US gross national product was revised down to an annual rate of 1.7 from 1.8 per cent in the third quarter was shrugged off by the market.

In London the dollar closed at DM1.4940, compared with DM1.4900 on Tuesday. It also rose to ¥128.80 from ¥128.30 to SF1.2880 from SF1.2830, and to FF9.5075 from FF9.5025. The dollar's index climbed to 60.3 from 60.0.

The D-Mark was generally firm in the EMS exchange rate mechanism, supported by expectations that German interest rates will remain firm to finance unification, while recessionary trends in other countries may produce rate cuts. The D-Mark finished as the second strongest member of the ERM, behind the Spanish peseta.

EMS EUROPEAN CURRENCY UNIT RATES

| | Unit | Central Rate | Current Rate | % Change from Central Rate | % Spread vs. Weighted Average | Divergence Indicator |
|--------------------|----------|--------------|--------------|----------------------------|-------------------------------|----------------------|
| Spanish Peseta | 166.637 | 130.499 | 130.499 | -2.34 | 3.10 | -1 |
| Italian Lira | 2036.268 | 2036.268 | 2036.268 | 0.00 | 0.00 | 0 |
| French Franc | 65.455 | 65.455 | 65.455 | 0.00 | 0.00 | 0 |
| German D-Mark | 1.936 | 1.936 | 1.936 | 0.00 | 0.00 | 0 |
| Belgian Franc | 40.3399 | 40.3399 | 40.3399 | 0.00 | 0.00 | 0 |
| Dutch Guilder | 10.3603 | 10.3603 | 10.3603 | 0.00 | 0.00 | 0 |
| Austrian Schilling | 13.7603 | 13.7603 | 13.7603 | 0.00 | 0.00 | 0 |
| Portuguese Escudo | 200.482 | 200.482 | 200.482 | 0.00 | 0.00 | 0 |
| Irish Punt | 7.87564 | 7.87564 | 7.87564 | 0.00 | 0.00 | 0 |
| Greek Drachma | 340.750 | 340.750 | 340.750 | 0.00 | 0.00 | 0 |
| Swedish Krona | 103.463 | 103.463 | 103.463 | 0.00 | 0.00 | 0 |
| Finland Markka | 5.94573 | 5.94573 | 5.94573 | 0.00 | 0.00 | 0 |
| Yugoslav Dinar | 13.6373 | 13.6373 | 13.6373 | 0.00 | 0.00 | 0 |
| Czech Koruna | 166.637 | 166.637 | 166.637 | 0.00 | 0.00 | 0 |
| Slovak Koruna | 166.637 | 166.637 | 166.637 | 0.00 | 0.00 | 0 |
| Hungarian Forint | 200.482 | 200.482 | 200.482 | 0.00 | 0.00 | 0 |
| Czech Koruna | 166.637 | 166.637 | 166.637 | 0.00 | 0.00 | 0 |
| Slovak Koruna | 166.637 | 166.637 | 166.637 | 0.00 | 0.00 | 0 |
| Hungarian Forint | 200.482 | 200.482 | 200.482 | 0.00 | 0.00 | 0 |

Unit central rates set by the European Commission. Current rates are in secondary market. Percentage change from central rate is shown. Divergence indicator shows the percentage difference between the actual market rate and the central rate for a currency, and the maximum permitted percentage deviation of the currency's market rate from its ECU central rate.

Adjusted calculated by Financial Times.

POUND SPOT - FORWARD AGAINST THE POUND

| | Nov 28 | Nov 29 | Nov 30 | Dec 1 | Dec 2 | Dec 3 | Dec 4 | Dec 5 | Dec 6 | Dec 7 | Dec 8 | Dec 9 | Dec 10 | Dec 11 | Dec 12 | Dec 13 | Dec 14 | Dec 15 | Dec 16 | Dec 17 | Dec 18 | Dec 19 | Dec 20 | Dec 21 | Dec 22 | Dec 23 | Dec 24 | Dec 25 | Dec 26 | Dec 27 | Dec 28 | Dec 29 | Dec 30 | Dec 31 | Jan 1 | Jan 2 | Jan 3 | Jan 4 | Jan 5 | Jan 6 | Jan 7 | Jan 8 | Jan 9 | Jan 10 | Jan 11 | Jan 12 | Jan 13 | Jan 14 | Jan 15 | Jan 16 | Jan 17 | Jan 18 | Jan 19 | Jan 20 | Jan 21 | Jan 22 | Jan 23 | Jan 24 | Jan 25 | Jan 26 | Jan 27 | Jan 28 | Jan 29 | Jan 30 | Jan 31 | Feb 1 | Feb 2 | Feb 3 | Feb 4 | Feb 5 | Feb 6 | Feb 7 | Feb 8 | Feb 9 | Feb 10 | Feb 11 | Feb 12 | Feb 13 | Feb 14 | Feb 15 | Feb 16 | Feb 17 | Feb 18 | Feb 19 | Feb 20 | Feb 21 | Feb 22 | Feb 23 | Feb 24 | Feb 25 | Feb 26 | Feb 27 | Feb 28 | Feb 29 | Feb 30 | Mar 1 | Mar 2 | Mar 3 | Mar 4 | Mar 5 | Mar 6 | Mar 7 | Mar 8 | Mar 9 | Mar 10 | Mar 11 | Mar 12 | Mar 13 | Mar 14 | Mar 15 | Mar 16 | Mar 17 | Mar 18 | Mar 19 | Mar 20 | Mar 21 | Mar 22 | Mar 23 | Mar 24 | Mar 25 | Mar 26 | Mar 27 | Mar 28 | Mar 29 | Mar 30 | Mar 31 | Apr 1 | Apr 2 | Apr 3 | Apr 4 | Apr 5 | Apr 6 | Apr 7 | Apr 8 | Apr 9 | Apr 10 | Apr 11 | Apr 12 | Apr 13 | Apr 14 | Apr 15 | Apr 16 | Apr 17 | Apr 18 | Apr 19 | Apr 20 | Apr 21 | Apr 22 | Apr 23 | Apr 24 | Apr 25 | Apr 26 | Apr 27 | Apr 28 | Apr 29 | Apr 30 | May 1 | May 2 | May 3 | May 4 | May 5 | May 6 | May 7 | May 8 | May 9 | May 10 | May 11 | May 12 | May 13 | May 14 | May 15 | May 16 | May 17 | May 18 | May 19 | May 20 | May 21 | May 22 | May 23 | May 24 | May 25 | May 26 | May 27 | May 28 | May 29 | May 30 | May 31 | Jun 1 | Jun 2 | Jun 3 | Jun 4 | Jun 5 | Jun 6 | Jun 7 | Jun 8 | Jun 9 | Jun 10 | Jun 11 | Jun 12 | Jun 13 | Jun 14 | Jun 15 | Jun 16 | Jun 17 | Jun 18 | Jun 19 | Jun 20 | Jun 21 | Jun 22 | Jun 23 | Jun 24 | Jun 25 | Jun 26 | Jun 27 | Jun 28 | Jun 29 | Jun 30 | Jul 1 | Jul 2 | Jul 3 | Jul 4 | Jul 5 | Jul 6 | Jul 7 | Jul 8 | Jul 9 | Jul 10 | Jul 11 | Jul 12 | Jul 13 | 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WORLD STOCK MARKETS

| FRANCE (continued) | | | GERMANY (continued) | | | ITALY (continued) | | | NETHERLANDS | | | NORWAY | | | FINLAND | | | JAPAN | | | Korea | | | Australia | | | Canada | | | New York | | | Standard & Poor's | | | South Africa | | | Spain | | | Sweden | | | Switzerland | | | Denmark | | | Belgium | | | Luxembourg | | | Ireland | | | Portugal | | | Greece | | | Turkey | | | Israel | | | India | | | Singapore | | | Hong Kong | | | Taiwan | | | Philippines | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore | | | Malaysia | | | Thailand | | | Indonesia | | | Singapore</ | | |
|--------------------|--|--|---------------------|--|--|-------------------|--|--|-------------|--|--|--------|--|--|---------|--|--|-------|--|--|-------|--|--|-----------|--|--|--------|--|--|----------|--|--|-------------------|--|--|--------------|--|--|-------|--|--|--------|--|--|-------------|--|--|---------|--|--|---------|--|--|------------|--|--|---------|--|--|----------|--|--|--------|--|--|--------|--|--|--------|--|--|-------|--|--|-----------|--|--|-----------|--|--|--------|--|--|-------------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--|----------|--|--|----------|--|--|-----------|--|--|-----------|--|--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NEW YORK STOCK EXCHANGE COMPOSITE PRICES

AMEX

Continued on Page 47

NYSE COMPOSITE PRICES

| Stock | Div. | Yield | High | Low | Last | Chng | Stock | Div. | Yield | High | Low | Last | Chng |
|----------|------|-------|--------|--------|--------|-------|----------|------|-------|--------|--------|--------|-------|
| 3M | 0.10 | 3.8 | 100.00 | 99.00 | 99.00 | -0.50 | 3M | 0.10 | 3.8 | 100.00 | 99.00 | 99.00 | -0.50 |
| AT&T | 0.40 | 5.2 | 150.00 | 148.00 | 148.00 | -2.00 | AT&T | 0.40 | 5.2 | 150.00 | 148.00 | 148.00 | -2.00 |
| IBM | 0.60 | 4.5 | 120.00 | 118.00 | 118.00 | -2.00 | IBM | 0.60 | 4.5 | 120.00 | 118.00 | 118.00 | -2.00 |
| GE | 0.30 | 4.0 | 80.00 | 78.00 | 78.00 | -2.00 | GE | 0.30 | 4.0 | 80.00 | 78.00 | 78.00 | -2.00 |
| Merck | 0.20 | 3.5 | 60.00 | 58.00 | 58.00 | -2.00 | Merck | 0.20 | 3.5 | 60.00 | 58.00 | 58.00 | -2.00 |
| Amgen | 0.15 | 3.0 | 40.00 | 38.00 | 38.00 | -2.00 | Amgen | 0.15 | 3.0 | 40.00 | 38.00 | 38.00 | -2.00 |
| Novartis | 0.10 | 2.5 | 30.00 | 28.00 | 28.00 | -2.00 | Novartis | 0.10 | 2.5 | 30.00 | 28.00 | 28.00 | -2.00 |
| Roche | 0.08 | 2.0 | 20.00 | 18.00 | 18.00 | -2.00 | Roche | 0.08 | 2.0 | 20.00 | 18.00 | 18.00 | -2.00 |
| Novartis | 0.06 | 1.5 | 15.00 | 14.00 | 14.00 | -1.00 | Novartis | 0.06 | 1.5 | 15.00 | 14.00 | 14.00 | -1.00 |
| Novartis | 0.04 | 1.0 | 10.00 | 9.00 | 9.00 | -1.00 | Novartis | 0.04 | 1.0 | 10.00 | 9.00 | 9.00 | -1.00 |
| Novartis | 0.02 | 0.5 | 5.00 | 4.00 | 4.00 | -1.00 | Novartis | 0.02 | 0.5 | 5.00 | 4.00 | 4.00 | -1.00 |

NASDAQ NATIONAL MARKET

3pm prices November 28

| Stock | Div. | Yield | High | Low | Last | Chng | Stock | Div. | Yield | High | Low | Last | Chng |
|------------------------|------|-------|-------|------|------|-------|------------------------|------|-------|-------|------|------|-------|
| Ally | 0.05 | 1.5 | 10.00 | 9.50 | 9.50 | -0.50 | Ally | 0.05 | 1.5 | 10.00 | 9.50 | 9.50 | -0.50 |
| Bank One | 0.04 | 1.2 | 8.00 | 7.50 | 7.50 | -0.50 | Bank One | 0.04 | 1.2 | 8.00 | 7.50 | 7.50 | -0.50 |
| Bank of America | 0.03 | 1.0 | 6.00 | 5.50 | 5.50 | -0.50 | Bank of America | 0.03 | 1.0 | 6.00 | 5.50 | 5.50 | -0.50 |
| Bank of New York | 0.02 | 0.8 | 4.00 | 3.50 | 3.50 | -0.50 | Bank of New York | 0.02 | 0.8 | 4.00 | 3.50 | 3.50 | -0.50 |
| Bank of South Carolina | 0.01 | 0.6 | 2.00 | 1.50 | 1.50 | -0.50 | Bank of South Carolina | 0.01 | 0.6 | 2.00 | 1.50 | 1.50 | -0.50 |
| Bank of the Americas | 0.01 | 0.5 | 1.50 | 1.00 | 1.00 | -0.50 | Bank of the Americas | 0.01 | 0.5 | 1.50 | 1.00 | 1.00 | -0.50 |
| Bank of the West | 0.01 | 0.4 | 1.00 | 0.50 | 0.50 | -0.50 | Bank of the West | 0.01 | 0.4 | 1.00 | 0.50 | 0.50 | -0.50 |
| Bank of America | 0.01 | 0.3 | 0.50 | 0.25 | 0.25 | -0.25 | Bank of America | 0.01 | 0.3 | 0.50 | 0.25 | 0.25 | -0.25 |
| Bank of America | 0.01 | 0.2 | 0.25 | 0.12 | 0.12 | -0.12 | Bank of America | 0.01 | 0.2 | 0.25 | 0.12 | 0.12 | -0.12 |
| Bank of America | 0.01 | 0.1 | 0.12 | 0.06 | 0.06 | -0.06 | Bank of America | 0.01 | 0.1 | 0.12 | 0.06 | 0.06 | -0.06 |

AMEX COMPOSITE PRICES

| Stock | Div. | Yield | High | Low | Last | Chng | Stock | Div. | Yield | High | Low | Last | Chng |
|-------|------|-------|------|------|------|-------|-------|------|-------|------|------|------|-------|
| AMEX | 0.01 | 0.5 | 1.00 | 0.50 | 0.50 | -0.50 | AMEX | 0.01 | 0.5 | 1.00 | 0.50 | 0.50 | -0.50 |
| AMEX | 0.01 | 0.4 | 0.50 | 0.25 | 0.25 | -0.25 | AMEX | 0.01 | 0.4 | 0.50 | 0.25 | 0.25 | -0.25 |
| AMEX | 0.01 | 0.3 | 0.25 | 0.12 | 0.12 | -0.12 | AMEX | 0.01 | 0.3 | 0.25 | 0.12 | 0.12 | -0.12 |
| AMEX | 0.01 | 0.2 | 0.12 | 0.06 | 0.06 | -0.06 | AMEX | 0.01 | 0.2 | 0.12 | 0.06 | 0.06 | -0.06 |
| AMEX | 0.01 | 0.1 | 0.06 | 0.03 | 0.03 | -0.03 | AMEX | 0.01 | 0.1 | 0.06 | 0.03 | 0.03 | -0.03 |

IRELAND

The FT proposes to publish this survey on December 18 1990.

It will be of particular interest to the 27% of Managing Directors and Chief Executives throughout Europe who are regular FT readers. If you want to reach this important audience, call Charles Blandford, Mac Publishing, 44 Leinster Road, Dublin 6. Tel 0001 965000 Fax 0001 964962 or Kirsty Saunders on 071 873 4823 or fax 071 873 3079.

FT SURVEYS

AMERICA

Dow posts modest gain although bonds weaken

Wall Street

A QUIET morning saw equities posting modest gains in this trading, writes Karen Zagor in New York.

At 2 p.m. the Dow Jones Industrial Average was up 4.95 to 2,548.76 on modest volume, with advancing issues leading those declining by a ratio of nine to five. On Tuesday, the Dow closed up 10.64 at 2,543.81.

Trading started on a negative note after Mr Alan Greenspan, chairman of the Federal Reserve, said that it was not clear whether the Fed would need to cut interest rates further. Although the impact of Mr Greenspan's comments was short-lived, US Treasury bonds weakened amid disappointment that the Fed would not follow a more aggressive policy.

At mid-session the Treasury's benchmark 30-year bond was down 1/8 for a yield of 8.43 per cent.

Dun & Bradstreet slid 1/4 to \$38.75, after falling 1/2 on Tuesday, when D & B said that it would take time to review the market. However, analysts do not expect the move to have a significant impact on the company's performance.

Shares in Philip Morris were actively traded yesterday morning after Moody's Investors Services said that it had upgraded its ratings on the

company's senior debt and commercial paper. Moody's added that the company had demonstrated its ability "to maintain strong bondholder protection measures while expanding its businesses both internally and through acquisition." At mid-session the stock had gained 1/4 to \$49.

Waste Management remained high on the New York Stock Exchange's most active stocks list for a second successive day, adding 1/4 to \$33.75. Profit-taking on Tuesday afternoon had pushed the stock 1/4 lower to \$31.75 after a morning rise on the news that the company's subsidiaries had won a 17-year contract in Hong Kong to build and run a chemical waste facility for the government.

Manufacturers Hanover lost 1/4 to \$18.75 after it said that it would acquire about \$1.6bn in deposits at 14 Goldome banks in the New York area.

Goodyear Tire & Rubber jumped 1/4 to \$16.75 on news that a pipeline owned by Goodyear subsidiaries would be used to transfer oil from Chevron's Point Arguello Oil Field.

UNUM rose 1/4 to \$46, after gaining 1/4 on Tuesday on a "buy" recommendation from Lehman Brothers. The long-term disability insurer will make a presentation to investors this week.

Phelps Dodge fell 1/4 to \$31.75 after Goldman Sachs removed the issue from its recommended list.

In the secondary market, Hasbro added 1/4 to \$15.75 after the chairman of the big toy company said that he expected essentially flat earnings in 1990. Last year Hasbro had net income of \$1.56 a share on sales of \$1.4bn.

Shares in Mattel, Hasbro's main competitor, rose 1/4 to \$19.75. The company expects to post record earnings and sales in 1990 and good growth in 1991. Last year, Mattel had net earnings of \$1.60 a share on sales of \$1.24bn.

Advances led declines by 185 to 178.

Thomson Corp, which said its earnings for the first nine months had fallen from C\$1.47 to 55 cents per share, dropped 1/4 to C\$15.75.

Currage Resources gained 1/4 to C\$6.75 after a block of 2.04m shares were crossed by Nesbitt Thomson Deacon. A Nesbitt mining analyst said in a quarterly report that Currage is worth three times its current list price.

FRANKFURT had a mixed day with more rises, proportionately, in blue chips than in the market as a whole. The 30-share DAX index rose 5.38 to 1,430.62 with 19 advances, 10 declines and one component stock unchanged, while the more broadly based FAZ index fell 3.73 to 1,420.62 at mid-session.

However, the rise in the DAX, with big international stocks such as Daimler and Deutsche Bank up DM5.50 and DM6.50, to DM71.50 and DM69.80 respectively, served to highlight the gentle slide in Siemens, masked in the previous three days by a 5.4 per cent drop in the index itself.

Market volume rose from DM4.3bn to DM5.5bn, Siemens turning over DM1.07bn by itself as it fell another DM5 to DM69.80, a recovery of about DM7 from its low in the pre-bourse. There were reports that Degag, the investment research arm of Deutsche Bank, had downgraded its earnings per share forecasts for Siemens on Monday for the year ending on October 1, 1991, from DM60 to about DM45.

Apparently Siemens itself helped the research process along, and its downgrading has been much less traumatic for the market than the more severe analyses of, for example, Volkswagen or the big three chemical companies. "It seems to have been a typical Siemens go-ahead-post-mortem exercise," said Mr Adrian Phillips of Kleinwort Benson.

MADRID was enlivened by a huge put-through in one stock worth Ptas1.6bn - more than the total daily turnover in some recent sessions. A block of 1.32m shares or 18 per cent of Azucarera, the sugar company in which Banco Central

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Brazilian rebound is called into question

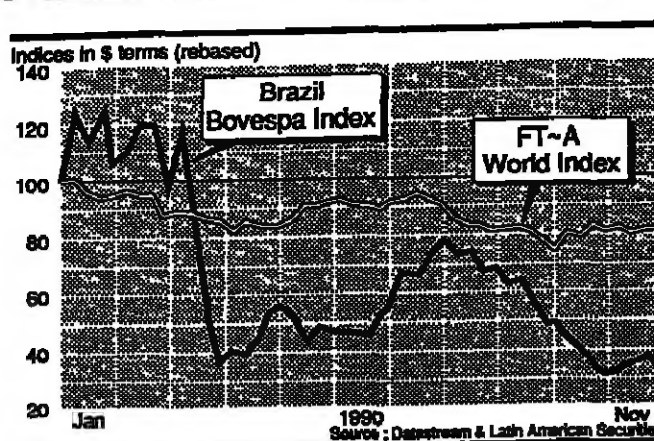
Victoria Griffith evaluates this month's recovery in the light of economic prospects

AFTER A disastrous performance in September and October, and the effective merger of the Rio de Janeiro and São Paulo stock exchanges earlier this month, Brazilian share prices have rebounded this month by about 45 per cent in cruzeiro terms and by 23 per cent in dollars.

However, the weight of inflation, the cruzeiro's renewed weakness against the dollar and severe threats to economic and corporate prospects for 1991 are putting a large question mark against share prices for the third time this year.

In cruzeiro terms, this month's rise has been well above an inflation rate which is expected to reach 17 to 19 per cent in November. Unfortunately, market strategists are predicting further real increases in the dollar, and equities will need to register continued large upward swings to sustain a rise in dollar terms.

If investors base their decisions on future earnings poten-



tial, they will find reason to worry. The Brazilian economy is expected to perform poorly next year, because of the administration's zealous fight against inflation.

Following a monetarist strategy, the government has been sucking in the money supply since June, a policy which should start to have a visible effect in January or February;

with this month's inflation surging, the central bank has stepped up the pressure even further.

The result, according to Mr Rudiger Dornbusch, an economics professor at the Massachusetts Institute of Technology, will be Brazil's worst recession in 50 years. The Collo government itself is predicting a 40 per cent drop in com-

sumer spending for the first quarter of 1991, compared with the same period this year.

There is hope for the equity market. The export sector should benefit from a sharp increase in the dollar/cruzeiro exchange rate over the past two months. Analysts also believe the market could shoot ahead if Brazilian negotiators sign an accord on debt with the international banking community.

Meanwhile, this month's upswing has reflected the extremely low price/earnings ratios in the market. Varig, one of the largest airlines in the world, can be purchased for \$62m, about the price of a Boeing 737-300 with a few extras thrown in. Varig possesses 12 of these jets, among the cheapest in its fleet of 76 aircraft.

Even after the latest recovery, Brazilian companies are valued in the equity market at only 35 per cent of their net assets, on average. The level is one of the lowest ever; prices

have dropped to such feeble levels: before only in 1987, when they reached 34 per cent, and in 1982, when they dipped to 27 per cent.

Estrela, the toy group, looks extremely enticing, priced at just 16 per cent of its net asset value, and Varig itself is little more expensive at 18 per cent.

The scenario would be a break-up artist's dream if it were not for the fact that most of the shares on the market are preferential, offering no voting rights and no opportunity for a hostile takeover bid.

Given this fact, Mr Fernando Nabuco, president of the São Paulo Stock Exchange, believes that the share price recovery will be short-lived. "This is not the beginning of a boom," he says. "There are two reasons for the surge: the first is the realisation that companies here are incredibly cheap; the second is that the market is catching up with previous months' inflation."

EUROPE

Wait for UN move restrains bourse activity

TRADING WAS lively in individual stocks in several bourses yesterday, but activity was generally restrained before the expected approval today of a resolution on Gulf action by the Security Council of the United Nations (UN), writes Our Markets Staff.

FRANKFURT had a mixed day with more rises, proportionately, in blue chips than in the market as a whole. The 30-share DAX index rose 5.38 to 1,430.62 with 19 advances, 10 declines and one component stock unchanged, while the more broadly based FAZ index fell 3.73 to 1,420.62 at mid-session.

However, the rise in the DAX, with big international stocks such as Daimler and Deutsche Bank up DM5.50 and DM6.50, to DM71.50 and DM69.80 respectively, served to highlight the gentle slide in Siemens, masked in the previous three days by a 5.4 per cent drop in the index itself.

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ASIA PACIFIC

Nikkei falls 2.4% on talk of speculators in trouble

Tokyo

EQUITIES opened on a positive note following the overnight rise on Wall Street, but initial gains were reversed as rumours that speculators might be in financial trouble circulated in the afternoon. The Nikkei average fell sharply as nervousness spread to end at 23,658.92, or 2.4 per cent down, at 23,658.92, writes Emilio Terzani in Tokyo.

The index opened at 23,658.92 and soon reached the day's high of 23,767.06 on hopes that trading in December contracts, which started yesterday, would lift prices. The index fell to a low for the day of 23,046.35. Volume improved for Tuesday's 350m shares, but stayed sluggish at 340m.

Declines finally outnumbered gains by 878 to 111, with 106 issues unchanged. The Topix index of all first section stocks shed 36.85 to 1,597.35, and in London the ISE/Nikkei 50 index lost 5.04 to 1,251.67.

Rumours that a large real estate and investment company had got into financial trouble unnerved many players. The market has been worried recently about companies with heavy property exposure at a time of softening prices and high interest rates. Speculative stocks thought to be linked to the company in question were heavily sold. Isetan, the department store, dropped Y800 to Y2,610, Honshu Paper Y170 to Y1,950 and Kurabo Y100 to Y1,090.

Isetan Co, a large agricultural machinery maker, fell Y100 to Y900 on rumours that Kyowa Corporation, a steel frame builder and property speculator which has just filed for bankruptcy protection, was a significant shareholder.

The expiry dates of margin contracts traded six months ago weighed on the market,

with large-capital steels and shipbuilders once again losing ground. Nippon Steel weakened Y34 to Y372, Kobe Steel Y30 to Y1,280 and Sumitomo Metal Y19 to Y383.

Shipbuilders were also depressed following a report that ship prices were expected to fall. Mitsui Shipbuilding retreated Y24 to Y464.

Pioneer Electronics, which had been attracting buyers in the wake of its inclusion in the Nikkei average, receded Y210 to Y3,640. Many participants felt that the issue was overbought after its two-day rise.

Fifty-one issues hit lows for the year. Among them were high-technology shares such as Fujitsu, down Y33 to Y960, Hitachi falling Y40 to Y1,030, and TDK, Y30 lower at Y4,280.

Financials were the few bright spots of the day. Regional banks were bought on continued hopes of mergers. Taiheiyu Bank gained Y30 to Y1,170, Yamanashi Bank Y30 to Y890 and Yamagata Bank Y1 to Y710. Insurers returned to favour. Taisho Marine & Fire increased Y11 to Y945, while Chiyoda Fire & Marine put on Y7 to Y933.

In Osaka, stocks were affected by similar rumours. The Osaka Stock Exchange suspended trading of Noda Industrial, the agricultural machine maker, on talk that the company was connected to a speculator who had financial difficulties. Nintendo fell Y1,000 to Y22,700. The OSE average lost 579.33 to 25,997.68 on volume of 515.9m shares, up from Tuesday's 423m.

Roundup

TOKYO'S DROP caused other Pacific Rim markets to relinquish early gains yesterday, which had followed the firm close on Wall Street.

AUSTRALIA fell from the day's high to end little changed

FT-ACTUARIES WORLD INDICES

Jointly compiled by The Financial Times Limited, Goldman, Sachs & Co., and County NatWest/Wood Mackenzie in conjunction with the Institute of Actuaries and the Faculty of Actuaries

| NATIONAL AND REGIONAL MARKETS | TUESDAY NOVEMBER 27 1990 | | | | | | | | MONDAY NOVEMBER 26 1990 | | | | | | | | DOLLAR INDEX | |
|-------------------------------|--------------------------|----------------|----------------------|-----------|----------|----------------------|--------------|------------------|-------------------------|----------------------|-----------|----------|----------------------|--------|-------------------|-------------------|--------------|--|
| | US Dollar Index | Day's Change % | Pound Sterling Index | Yen Index | DM Index | Local Currency Index | % chg on day | Gross Div. Yield | US Dollar Index | Pound Sterling Index | Yen Index | DM Index | Local Currency Index | 1990 | 1990 Low (approx) | Year ago (approx) | | |
| Australia (76) | 123.69 | +0.1 | 92.85 | 100.31 | 95.18 | 107.03 | -0.3 | 7.28 | 123.83 | 93.25 | 100.61 | 95.90 | 107.39 | 158.31 | 118.96 | 144.45 | | |
| Austria (19) | 197.27 | -0.5 | 148.09 | 155.99 | 151.75 | 152.04 | -0.9 | 1.80 | 196.20 | 149.51 | 151.31 | 153.75 | 153.49 | 285.83 | 178.57 | 147.51 | | |
| Belgium (51) | 137.53 | +0.5 | 103.24 | 111.53 | 105.82 | 103.61 | -0.5 | 5.59 | 138.55 | 103.23 | 111.37 | 106.15 | 104.12 | 160.02 | 126.67 | 147.21 | | |
| Canada (120) | 125.02 | -0.1 | 93.85 | 101.38 | 96.19 | 105.33 | +0.2 | 3.81 | 125.06 | 94.36 | 101.80 | 97.02 | 105.07 | 153.61 | 121.24 | 146.90 | | |
| Denmark (13) | 245.74 | +0.3 | 164.48 | 193.30 | 185.09 | 188.84 | -0.2 | 1.58 | 247.03 | 165.83 | 189.42 | 190.06 | 193.37 | 277.62 | 234.05 | 208.51 | | |
| Finland (25) | 104.35 | -0.8 | 78.34 | 84.84 | 80.30 | 77.89 | -0.5 | 3.92 | 103.25 | 77.99 | 84.25 | 80.30 | 77.53 | 122.29 | 98.91 | 124.94 | | |
| France (122) | 139.32 | +0.8 | 104.59 | 112.98 | 107.19 | 109.11 | +0.0 | 3.81 | 138.22 | 104.26 | 112.48 | 107.20 | 108.06 | 156.85 | 124.98 | 138.20 | | |
| Germany (41) | 116.83 | -0.6 | 87.77 | 94.84 | 89.97 | 89.97 | -1.4 | 2.53 | 117.64 | 88.74 | 95.75 | 91.25 | 144.63 | 101.38 | 103.23 | 103.23 | | |
| Hong Kong (18) | 121.90 | -0.2 | 91.51 | 98.86 | 93.80 | 121.93 | 0.1 | 1.49 | 122.09 | 92.09 | 99.96 | 94.71 | 122.10 | 147.49 | 112.24 | 112.24 | | |
| Ireland (17) | 153.92 | -0.6 | 115.47 | 124.75 | 118.36 | 120.18 | -0.1 | 4.35 | 152.91 | 115.35 | 124.45 | 118.61 | 120.34 | 198.07 | 130.04 | 163.57 | | |
| Italy (91) | 76.41 | -1.8 | 57.36 | 61.86 | 58.79 | 63.31 | -2.8 | 3.09 | 77.78 | 58.67 | 63.30 | 60.33 | 65.02 | 109.25 | 76.41 | 92.57 | | |
| Japan (454) | 129.32 | -0.4 | 97.06 | 104.68 | 98.52 | 104.68 | -0.8 | 3.81 | 129.88 | 97.97 | 105.71 | 100.76 | 105.71 | 197.25 | 106.58 | 193.04 | | |
| Malaysia (35) | 191.88 | -0.6 | 144.04 | 155.61 | 147.64 | 158.27 | -0.8 | 3.40 | 193.01 | 145.59 | 157.08 | 149.71 | 159.41 | 250.99 | 182.96 | 204.51 | | |
| Mexico (12) | 158.41 | +0.7 | 425.69 | 480.98 | 437.36 | 482.56 | +0.7 | 0.38 | 154.72 | 425.56 | 495.50 | 438.05 | 485.17 | 324.53 | 286.28 | 286.28 | | |
| Netherlands (41) | 134.71 | +1.1 | 101.12 | 108.25 | 105.65 | 102.64 | +0.4 | 5.24 | 133.19 | 100.47 | 108.39 | 103.31 | 102.26 | 148.03 | 127.24 | 131.84 | | |
| New Zealand (18) | 49.36 | -2.4 | 36.30 | 39.22 | 37.21 | 41.99 | -2.3 | 8.00 | 49.97 | 37.29 | 40.34 | 38.45 | 42.97 | 75.36 | 47.90 | 74.27 | | |
| Norway (27) | 217.35 | +1.0 | 163.18 | 175.28 | 167.24 | 182.54 | +0.4 | 1.81 | 215.20 | 162.33 | 173.15 | 166.86 | 168.86 | 276.79 | 202.34 | 202.34 | | |
| Sweden (29) | 124.85 | -0.1 | 117.03 | 124.43 | 119.82 | 122.54 | -0.1 | 1.50 | 125.89 | 117.65 | 125.94 | 122.84 | 125.89 | 209.24 | 147.54 | 147.54 | | |
| South Africa (50) | 172.27 | -3.8 | 129.32 | 136.71 | 132.56 | 132.36 | -0.7 | 4.18 | 173.99 | 135.01 | 145.68 | 138.83 | 133.30 | 251.38 | 151.50 | 158.11 | | |
| Spain (42) | 145.59 | +1.0 | 108.29 | 118.08 | 112.02 | 103.57 | +0.3 | 5.35 | 144.11 | 108.70 | 117.29 | 111.78 | 103.28 | 162.26 | 128.54 | 157.12 | | |
| Switzerland (27) | 153.11 | -1.0 | 114.94 | 124.18 | 117.62 | 123.74 | -1.4 | 3.22 | 154.69 | 116.68 | 125.89 | 119.99 | 127.49 | 234.93 | 153.11 | 156.84 | | |
| United Kingdom (259) | 127.70 | +0.7 | 85.49 | 71.13 | 67.49 | 68.45 | +0.0 | 5.52 | 127.70 | 85.49 | 71.13 | 67.49 | 68.45 | 107.77 | 85.00 | 90.44 | | |
| United States (533) | 128.39 | +0.5 | 96.98 | 104.13 | 98.72 | 128.39 | +0.5 | 3.83 | 128.71 | 96.73 | 103.74 | 93.71 | 121.71 | 148.95 | 119.06 | 148.95 | | |
| Australia (862) | 136.40 | +0.4 | 108.89 | 112.26 | 106.50 | 105.49 | -0.2 | 4.41 | 137.83 | 103.87 | 112.17 | 106.92 | 105.73 | 155.85 | 124.91 | 127.83 | | |
| Canada (1012) | 170.59 | -0.1 | 128.06 | 138.35 | 131.26 | 130.38 | -0.5 | 2.33 | 170.74 | 128.79 | 136.96 | 132.44 | 131.33 | 223.29 | 159.79 | 168.15 | | |
| France (654) | 128.52 | -0.4 | 95.48 | 104.23 | 98.89 | 105.19 | -0.8 | 1.21 | 129.06 | 97.35 | 105.04 | 101.01 | 105.99 | 192.75 | 107.82 | 188.20 | | |
| Germany (329) | 128.52 | -0.4 | 95.48 | 104.23 | 98.89 | 105.19 | -0.8 | 1.21 | 129.06 | 97.35 | 105.04 | 101.01 | 105.99 | 192.75 | 107.82 | 188.20 | | |
| Japan (852) | 128.10 | +0.5 | 96.16 | 103.90 | 98.58 | 128.10 | +0.5 | 3.85 | 127.98 | 96.03 | 103.22 | 98.03 | 105.68 | 174.18 | 116.03 | 143.64 | | |
| United Kingdom (852) | 128.10 | +0.5 | 96.16 | 103.90 | 98.58 | 128.10 | +0.5 | 3.85 | 127.98 | 96.03 | 103.22 | 98.03 | 105.68 | 174.18 | 116.03 | 143.64 | | |
| United States (852) | 128.10 | +0.5 | 96.16 | 103.90 | 98.58 | 128.10 | +0.5 | 3.85 | 127.98 | 96.03 | 103.22 | 98.03 | 105.68 | 174.18 | 116.03 | 143.64 | | |
| France (852) | 118.71 | +0.1 | 86.11 | 96.29 | 91.31 | 96.27 | -0.7 | 6.24 | 118.58 | 85.45 | 96.53 | 92.00 | 92.81 | 145.62 | 116.03 | 143.64 | | |
| Germany (852) | 118.71 | +0.1 | 86.11 | 96.29 | 91.31 | 96.27 | -0.7 | 6.24 | 118.58 | 85.45 | 96.53 | 92.00 | 92.81 | 145.62 | 116.03 | 143.64 | | |
| Japan (852) | 118.71 | +0.1 | 86.11 | 96.29 | 91.31 | 96.27 | -0.7 | 6.24 | 118.58 | 85.45 | 96.53 | 92.00 | 92.81 | 145.62 | 116.03 | 143.64 | | |
| United States (852) | 118.71 | +0.1 | 86.11 | 96.29 | 91.31 | 96.27 | -0.7 | 6.24 | 118.58 | 85.45 | 96.53 | 92.00 | 92.81 | 145.62 | 116.03 | 143.64 | | |
| France (852) | 126.62 | +0.0 | 95.05 | 102.69 | 97.44 | 112.00 | -0.2 | 2.62 | 123.31 | 98.63 | 108.56 | 103.49 | 112.34 | 173.77 | 117.12 | 163.44 | | |
| Germany (852) | 126.62 | +0.0 | 95.05 | 102.69 | 97.44 | 112.00 | -0.2 | 2.62 | 123.31 | 98.63 | 108.56 | 103.49 | 112.34 | 173.77 | 117.12 | 163.44 | | |
| Japan (852) | 126.62 | +0.0 | 95.05 | 102.69 | 97.44 | 112.00 | -0.2 | 2.62 | 123.31 | 98.63 | 108.56 | 103.49 | 112.34 | 173.77 | 117.12 | 163.44 | | |
| United States (852) | 126.62 | +0.0 | 95.05 | 102.69 | 97.44 | 112.00 | -0.2 | 2.62 | 123.31 | 98.63 | 108.56 | 103.49 | 112.34 | 173.77 | 117.12 | 163.44 | | |
| France (852) | 132.45 | +0.4 | 99.43 | 107.43 | 101.93 | 122.40 | +0.2 | 4.16 | 131.95 | 99.33 | 107.40 | 102.37 | 118.01 | 151.59 | 124.31 | 135.87 | | |
| Germany (852) | 132.45 | +0.4 | 99.43 | 107.43 | 101.93 | 122.40 | +0.2 | 4.16 | 131.95 | 99.33 | 107.40 | 102.37 | 118.01 | 151.59 | 124.31 | 135.87 | | |
| Japan (852) | 132.45 | +0.4 | 99.43 | 107.43 | 101.93 | 122.40 | +0.2 | 4.16 | 131.95 | 99.33 | 107.40 | 102.37 | 118.01 | 151.59 | 124.31 | 135.87 | | |
| United States (852) | 132.45 | +0.4 | 99.43 | 107.43 | 101.93 | 122.40 | +0.2 | 4.16 | 131.95 | 99.33 | 107.40 | 102.37 | 118.01 | 151.59 | 124.31 | 135.87 | | |